

Second BHMS (2015)  
FORENSIC MEDICINE AND TOXICOLOGY

Total Marks :

Total Duration : 3 Hours

Instructions:

- 1) Use blue/black ball point pen only.
- 2) Do not write anything on the blank portion of the question paper. If written anything, such type of act will be considered as an attempt to resort to unfair means.
- 3) All questions are compulsory.
- 4) The number to the right indicates full marks.
- 5) Draw diagrams wherever necessary.
- 6) Distribution of syllabus in Question Paper is only meant to cover entire syllabus within the stipulated frame. The Question paper pattern is a mere guideline. Questions can be asked from any paper's syllabus into any question paper. Students cannot claim that the Question is out of syllabus. As it is only for the placement sake, the distribution has been done.

1. Write short answer (any ten out of fifteen) :

- A) What is professional secrecy?
- B) Who is Executive Magistrate?
- C) Mention any 2 MLI of Tatto Mark
- D) Mention any 2 MLI of livor mortis.
- E) What is dangerous weapon?
- F) Mention any 2 MLI of Delirium.
- G) What is dead body challan?
- H) Mention any 2 MLI of Impotence
- I) What is plouquett test?
- J) What is Peeping Tom?
- K) Define Clinical Toxicology.
- L) Legal difference between Medicine & Poison.
- M) Define Alkaoid.
- N) Active Principles of Nux Vomica.
- O) F.D.& F.P. of opium poisoning.

2. Write short answer (any four out of six) :

- a) Duties of practitioner in cases of injuries
- b) Mental Health Act.
- c) Saponification.
- d) What are the positive signs of pregnancy? Mention MLI of it in civil & criminal cases.
- e) Abrasion Injury.
- f) Exhumation.

3. Write short answer (any four out of six) :

(4x)

- a) Bombay Prohibition Act
- b) Treatment of organophosphorus poisoning
- c) cocaine poisoning
- d) Toxicological evidence
- e) Gastric Lavage
- f) signs & symptoms of chronic Arsenic poisoning.

4. Long answer question (any two out of four) :

(2x1)

- a) What is Death? Mention about sudden death with it's MLI.
- b) What is Drowning? Mention types of it & mechanism of drowning. Write about postmortem findings in cases of ante-mortem fresh water drowning.
- c) Define Abortion. What are the types of Abortion? Write duties of RMP in criminal abortion. What are the different methods for inducing criminal abortion.
- d) Define Sexual Offence, classify sexual offence. How will you proceed the examination of the girl 13 yrs old in alleged Rape case?

**Long answer question (any one from Q. No. 5, 6 and 7)**

5. Write in detail about opium poisoning w.r.t. it's alkaloids, s/s , diagnostic points, differential diagnosis, treatment, PMA & MLI.

(1x2)

6. Write about constituents of snake venom. difference between poisonous & nonpoisonous snake, s/s , treatment, PMA & MLI of snake bite.

(1x2)

7. How will you diagnose a case of poisoning both in living & dead? What are the duties of M.O. in cases of suspected poisoning?

(1x2)

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**DR J J MAGDUM TRUST'S**  
**DR J J MAGDUM HOMOEOPATHIC MEDICAL COLLEGE, POST –GRADUATE**  
**INSTITUTE AND RESEARCH CENTRE, JAYSINGPUR**  
Terminal EXAMINATION

CLASS:- II nd B.H.M.S

Paper :-

DATE:- / /2017

TIME:-2 Hours

TOTAL MARKS:- 50

**Forensic Medicine & Toxicology**

**Instructions:-**

1. All Question are Compulsory.
2. All questions carry equal Marks.
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**Q1. Short Answer Question (2 Marks each)**

**10 March**

- a) Define forensic Medicine
- b) What is Inquest?
- c) Who is Executive magistrate?
- d) Define Antivenins & Types & Antivenin
- e) Define Antidotes & Types & Antidotes

**Q. 2 Short Answer (any 2)**

**10 Marks**

- a) Medical Ethics
- b) Positive Signs of pregnancy
- c) Diff. between true virgin & false virgin

**Q. 3 Short Answer Question (any 2)**

**10 Marks**

- a) Functions of C. C. H.
- b) Chronic Arsenic Poisoning
- c) Aconite Poisoning

**Q. 4 LONG Answer Questions**

**20 Marks**

Write in detail about general line treatment of poisoning w.r.t. it's objectives

OR

Write in detail about snake bite W. R. T. snake venom constituents, S/S, treatment, F.D., F.P., PMA & MLA of it .Add a note on difference between poisonous & non poisonous snakes .

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**AND RESEARCH CENTRE, JAYSINGPUR**  
**Terminal EXAMINATION**  
**CLASS:- II nd B.H.M.S**

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Paper :-  
DATE:- / /2018

TIME:-2 Hours  
TOTAL MARKS:- 50

**Forensic Medicine & Toxicology**

**Instructions:-**

1. All Question are Compulsory.
2. All questions carry equal Marks.
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**Q1. Short Answer Question (2 Marks each)**

**( 5x2 = 10 March)**

- a) Forensic medicine
- b) Diatom
- c) Somatic death
- d) Fixing of Lividity
- e) Mention alkaloids of Dhatura
- f) Toxicology
- g) Poison

**Q. 2. Short Answer question ( any two)**

**( 2 x 5 = 10 Marks )**

- a) Cooling of body
- b) Cafe coronary syndrome
- c) Define antidote mention types of antidote in detail
- d) Signs & symptom , fatal dose, fatal period & antidote of Dhatura poisoning

**Q. 3 Long answers Question any one**

**( 1x 10 =10 Marks )**

- a) Define death, mention types of death, modes of death & signs of death. Add a note on rigor mortis.
- b) Define Hanging. Mention the types of Hanging, Causes of death in Hanging. Write the postmortem findings and medico-legal importance of hanging.

**Q. 4 Write long answer question**

**( 1x 10 =10 Marks )**

- a) Define poison. Classify poison with accordance to action of poison & medico-legal aspect of poison. How will you diagnose poisoning in living ? Mention duties of Registered Medical Practioner in cases of poisoning.

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**RESEARCH CENTRE, JAYSINGPUR**

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Terminal Exam

Class :- II BHMS (2015 Batch)  
Subject :- Materia Medica (NEW)

Time :- 2 hrs  
Date :- 2017

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**Instructions:-**

6. All Question are Compulsory.
  7. All questions carry equal Marks.
  8. The number to the right indicates full marks.
  9. Draw diagrams wherever necessary.
  10. Do not write anything on the blank portion of the question paper. If written anything, such type of act will be considered as an attempt to resort to unfair means.
- 

50 Marks

**Q.1 Write appropriate answer ( any five out of seven )**

**5 x 2 = 10**

- a) Aethusa cyn -> Thirst & Aversion
- b) Define Homoeopathy
- c) Define H.M.M
- d) Define Miasm
- e) Define Symptom
- f) Write types of symptoms
- g) Write types of Constitution

**Q.2 Write short answers ( any two out of three )**

**2 x 5 = 10**

- a) Physical General of Aconite.
- b) Mentals of Aconite Nepallus
- c) Respiratory complaints of Ipecac.

**Q. 3 Shourt answers ( any two out of three )**

**2 x 5 = 10**

- a) Physical General of Bovista
- b) G. modalities of Natrum phos.
- c) Piles of Aloes soc.

**Section B (LAQ)**

**Q. 4 Long answer Question ( any one out of two )**

**Compare & Contrast the Following**

**1 x = 10**

- a) Abdominal colic of Mag.phos.and Colocynthis
- b) Baby of Chamomilla and Aethusa cyn.

**Q. 5 Describe the drug picture of Arsenic album under the following heads 1 x = 10**

- e) Constitution & Causations
- f) Mentals
- g) Five characteristic Symptoms
- h) General modalities

**OR**

**Q. 6 Write down in details the following of Pulsatilla**

**1 x 10 = 10**

- a) Mentals Constitution & Causations
- b) Five Guiding Symptoms
- c) Female complaints
- d) General modalities

**Q.7 Write down in details the following of Ferrum phos.**

**1 x 10 = 10**

- a) Constitution & Causations
- b) Five Guiding Symptoms
- c) G.I.T Complaints
- d) General modalities

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**CENTRE, JAYSINGPUR**

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Preliminary Exam

Class :- II BHMS (2015)  
Subject :- Materia Medica

Time :- 3 Hours  
Date :- .2017- 18

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**Instructions:-**

1. All Question are Compulsory.
  2. All questions carry equal Marks.
  3. The number to the right indicates full marks.
  4. Draw diagrams wherever necessary.
  5. Do not write anything on the blank portion of the question paper. If written anything, such type of act will be considered as an attempt to resort to unfair means.
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**Q. 1 Write appropriate answer ( any 10 out of 15)**

**10 x 2 = 20**

- a) Aethusa Cyn -Thirst and Vomiting
- b) Apis mel - Side affinity & thirst
- c) Rhus tox - Tongue & Desire
- d) Trio. Of Pain.
- e) Trio. Of Restless
- f) Aconite Two key-notes of mental Symptoms
- g) Pulsatilla-Thirst and Discharge
- h) Bryonia- Modalities
- i) Cal. Phos.-Two Key-notes
- j) Euphrasia-Eye-Discharge
- k) Bellis-per.-Type of Injury
- l) Aloes soc - piles
- m) Colocynthis-Side affinity & Causations
- n) Cal. phos - Constitution
- o) Chamomilla - Constitution

**Q. Write short notes on ( any 4 out of 6 )**

**4 x 5 = 20**

- a) Natrum mur - Bio - chemic Indications
- b) Silicea - mentals
- c) Cal- Fluor - modalities
- d) Arnica - Injury
- e) Silicea - Baby
- f) Rhus - tox- Rheumatism

Q. 3 write short answer (any 4 out of 6)

4x5 = 20

- a) Thuja-Skin Complaints
- b) Allium Cepa-Respiratory complaints
- c) Gelsemium - Headache & Modalities
- d) Baptisia-Typhoid Fever
- e) Kali. Sulph.-Bio-chemic Indications

Section B LAQ 40 marks

Q. 4 write long answer question ( any 2 out of 4 )

2 x 10 = 20

- a) Drosera and Spongia Tosta- Respiratory Complaints
- b) Colocynthis & mag phos - abdominal colic
- c) Cina and Chamomila-Baby
- d) Apocynum & Cantharis - Renal affection

Q. 5 Write down the drug picture of Cal. Flour under the following headlines

Write any one out of Q. 5, Q. 6, Q. 7

1x 20 = 20

- a) Constitution & causation
- b) Mentals
- c) Female Complaints
- d) General modalities

Or

Q. 6 write down the drug picture of Lycopodium under the following headlines

- a) Constitution & causation
- b) Mentals
- c) Urinary complaints
- d) General modalities

Or

Q. 7 write down drug picture of Phosphorus under the following headlines

- a) Constitution & causation
- b) Mental
- c) GIT affection
- d) General modalities



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Terminal Exam

**Class :- II BHMS (2015 Batch)**

**Time :- 2 Hours**

**Subject :- Materia Medica**

**Date :-**

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**Instructions:-**

1. All Question are Compulsory.
  2. All questions carry equal Marks.
  3. The number to the right indicates full marks.
  4. Draw diagrams wherever necessary.
  5. Do not write anything on the blank portion of the question paper. If written anything, such type of act will be considered as an attempt to resort to unfair means.
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**Q.1 Write appropriate answers ( any 5 out of 7 )**

**5 x 2 = 10**

- a) Define Homoeopathy
- b) Define Bio-chemic system of Medicine
- c) Define Nosodes with two examples
- d) Define Sarcodes with two examples
- e) Discharge of Euphrasia
- f) Trios of restlessness
- g) Two key notes of bellis per

**Q. 2 Write short answers (any two out of three)**

**2 x 5 =10**

- a) Name 12Tissues Remedies with Bio-chemic Theory
- b) Scopes and Limitations ofH.M.M
- c) Sources of H.M.M

**Q. 3 Write short answers ( any two out of three)**

**2 x 5=10**

- a) Females complaints of Alumina
- b) Fevers of Cinchona officinalis
- c) Skin of Petroleum

**Q.4 Long questions answers ( any one out of two)**

**1 x 10=10**

- a) Compare and Contrasts Calendula and Arnica in Injury
- b) Compare and Contrasts Bryonia and Rhus-tox in Rheumatism

**Q.5 Write in details Cal. Fluor.in Constitution, Causations, Mentals, Bio-Chemic Indications and Female complaints**

**1x10=10**

OR

**Q. 6 Writes in details of Aconite napellus in Guiding symptoms**

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Terminal Exam

Class :- II BHMS (2015 Batch)  
Subject :- Materia Medica

Time :- 2 hrs  
Date :- 2018

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**Instructions:-**

1. All Question are Compulsory.
2. Questions carry equal Marks.
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50 Marks

**Q.1 Write appropriate answer ( any five out of seven )**

**5 x 2 = 10**

- a. Define Biochemic system of Medicine.
- b. Define Homoeopathy.
- c. Define H.M.M.
- d. Define Miasm.
- e. Define Symptom.
- f. Write types of symptoms.
- g. Write types of Constitution .

**Q.2 Write short answers ( any two out of three )**

**2 x 5 = 10**

- a. Physical General of China.
- b. Mentals of Baptisia.
- c. Respiratory complaints of Dulcamara

**Q. 3 Shourt answers ( any two out of three )**

**2 x 5 = 10**

- a. Colic of Colocynthis.
- b. Indications of Bellis Per.
- c. Difference between Homoeopathic & Biochemic system of Medicine

**Section B (LAQ)**

**Q. 4 Long answer Question ( any one out of two )**

**Compare & Contrast the Following**

**1 x = 10**

- a. Skin of Calendula and Ledum Pal.
- b. Baby of Cina and Sulphu

**Q. 5 Describe the drug picture of Arsenic album under the following heads 1 x = 10**

- a. Constitution & Causations
- b. Mentals
- c. Five characteristic Symptoms
- d. General modalities

**OR**

**Q. 6 Write down in details the following of Thuja**

**1 x 10 = 10**

- a. Constitution & Causations
- b. Five Guiding Symptoms
- c. Skin complaints
- d. General modalities

**OR**

**Q.7 Write down in details the following of Nux-Vomica**

**1 x 10 = 10**

- a. Constitution & Causations
- b. Five Guiding Symptoms
- c. G.I.T Complaints
- d. General modalities

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CLASS:- IInd B.H.M.S. 2015.

Terminal Examination – June 2017

TIME:-

DATE:- / 06 /2017

TOTAL MARKS:-50

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**ORGANON OF MEDICINE.**

Instructions:-

- 1) All Question are Compulsory.
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Q.1: Write appropriate answers 5\*2      10

- a) State aphorism no. 1
- b) Define Case taking with One example
- c) Define Psychology
- d) Define Objective Symptom.
- E )Define analysis of symptom

Q.2: Write short answer 2\*5      10

- a) Explain – Law of Minimum Dose
- b) Explain – Isopathy

Q.3: Long answer question 10      10

- a) Explain- Knowledge of physician

**Long answer question** 1\*20      20

Q.4: Long answer question

- Life History of Dr Hahnemann  
-Birth And Birth place  
Childhood  
Education And Practice

Contribution

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CLASS:- IInd B.H.M.S. (New)  
DATE:- / 01 /2018

Terminal Examination – December 2015

TIME:-  
TOTAL MARKS:-50

**ORGANON OF MEDICINE.**

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- |   |             |            |
|---|-------------|------------|
| Q.1: Write appropriate answers  | 5*2         | 10         |
| a) What is Causa Occasionalis?  |             |            |
| b) State 2 <sup>nd</sup> aphorism.  |             |            |
| c) State Hufeland's Remark.   |             |            |
| l) Define Acute disease.  |             |            |
| d) Write down 4 contributions of Dr Kent.                                       |             |            |
|   |             |            |
| Q.2: Write short answer   | 2*5         | 10         |
| a) Explain – Law of Similars.   |             |            |
| b) Explain Genus Epidemics.   |             |            |
|   |             |            |
| Q.3: Long answer question   |             | 10      10 |
| a) Explain in detail Hahnemann's view on Nosological Classification of disease. |             |            |
|   |             |            |
| <b>Long answer question</b>   | <b>1*20</b> | <b>20</b>  |
| Q.4: Long answer question   |             |            |
| a) What happens when two dissimilar diseases meet in the body.                  |             |            |

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<b>CLASS:-</b> IIInd B.H.M.S.(2015)	<b>Terminal Examination – December 2015</b>	<b>TIME:-</b>
<b>DATE:-</b> / 01 /2018		<b>TOTAL MARKS:-50</b>

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**ORGANON OF MEDICINE.**

Instructions:-

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- |  |             |           |
|--|-------------|-----------|
| Q.1: Write appropriate answers                                   | 5*2         | 10        |
| a) Define personality?   |             |           |
| b) State 1 <sup>st</sup> aphorism.                               |             |           |
| c) Name Fundamental Causes.                                      |             |           |
| l) State Nature's Law of Cure.                                   |             |           |
| d) Write down 4 contributions of Dr Hering.                      |             |           |
|  |             |           |
| Q.2: Write short answer  | 2*5         | 10        |
| a) Explain – vital force in health & disease.                    |             |           |
| b) Explain Do's of Case Taking.                                  |             |           |
|  |             |           |
| Q.3: Long answer question  | 10          | 10        |
| a) Explain in detail explain logic.                              |             |           |
|  |             |           |
| <b>Long answer question</b>                                      | <b>1*20</b> | <b>20</b> |
|  |             |           |
| Q.4: Long answer question  |             |           |
| a ) Explain on details Different editions of Organon of Medicine |             |           |

CLASS:- IIInd B.H.M.S. (New)  
DATE:- / 01 /2018

Terminal Examination – December 2015

TIME:-  
TOTAL MARKS:-50

**ORGANON OF MEDICINE.**

Instructions:-

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- Q.1: Write appropriate answers 5\*2      10
- a) What is Causa Occasionalis?
  - b) State 2<sup>nd</sup> aphorism.
  - c) State Hufeland's Remark.
  - l) Define Acute disease.
  - d) Write down 4 contributions of Dr Kent.
- Q.2: Write short answer 2\*5      10
- a) Explain – Law of Similar.
  - b) Explain Genus Epidemics.
- Q.3: Long answer question 10
- a) Explain in detail Hahnemann's view on Nosological Classification of disease.
- Long answer question** 1\*20      20
- Q.4: Long answer question
- a) What happens when two dissimilar diseases meet in the body.

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**PRELIMINARY EXAMINATION FOR STUDENTS APPEARING MUHS EXAM WINTER 2017**

**CLASS:** Second B.H.M.S. (2015)  
**SUBJECT:** Pathology & Microbiology Paper II

**TOTAL MARKS:** 100  
**TIME:** SECTION A+B= 3 Hours.

**INSTRUCTIONS:**

- a) Use blue / black ball point pen only.
- b) Do not write anything on the blank portion of the question paper. If written anything, such type of act will be considered as an attempt to resort to unfair means.
- c) All questions are compulsory.
- d) The number to right indicates full marks.
- e) Draw diagrams wherever necessary.
- f) Distribution of syllabus in Question Paper is only meant to cover entire syllabus within the stipulated frame. The Question paper pattern is a mere guideline. Questions can be asked from any paper's syllabus into any question paper. Students cannot claim that Question is out of syllabus. As it is only for the placement sake, the distribution has been done.
- g) Use a common answer book for all sections.

**SAQ - 60 MARKS**

**1. Write appropriate answers (any ten out of fifteen):**

**(10x2=20)**

- a) Culture media used for Vibrio cholerae.
- b) BCG.
- c) Write four names of motile bacteria.
- d) Write the names of Living Culture media.
- e) Write two differences between Bacteria and Viruses.
- f) Vector transmission with examples.
- g) Name four extra intestinal parasites.
- h) Write the species of Malarial parasite.
- i) Hosts of Guinea worm.
- j) Write the types of Hosts & give example.
- k) Write any two lab investigations in Dengue Fever.
- l) Name two Viruses that produce Respiratory Diseases.
- m) Name two examples of ssRNA Virus.
- n) Stages of Lytic Cycle.
- o) Write two Opportunistic Mycoses.



2. Write short notes (any four out of six)

(4x5=20)

- a) Staphylococcal Toxins.
- b) Pathogenesis of *Treponema palladium*. Describe VDRL.
- c) Difference between *T. saginata* & *T. solium*.
- d) Lab diagnosis of Kala-Azar.
- e) Influenza Virus.
- f) Growth curve.

3. Write Short answer (any four out of six )

(4x5=20)

- a) Widal Test.
- b) Bacterial Flagella.
- c) Amoebic Liver Abscess.
- d) Black water fever.
- e) Structure of HIV Virus.
- f) Classification of Mycoses and Name sites of Dermatophytic Infection.

LAQ (40 Marks)

4. Long Answer Questions (any two out of four)

(2x10=20)

- a) Define Sterilization and Disinfection. Explain physical methods of sterilization.
- b) What is Infection? Enumerate Classification, Sources and Methods of Transmission of Infection.
- c) Describe Morphology and Life Cycle of *Wuchereria bancrofti*.
- d) Define Culture Media. Explain different types of Culture Media with examples.

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**TERMINAL EXAMINATION SUMMER 2017**

**CLASS: II B.H.M.S. (NEW)**  
**SUBJECT: PATHOLOGY & MICROBIOLOGY.**  
**PAPER : -**

**TOTAL MARKS: 50**  
**TIME: 2 Hours.**

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**INSTRUCTIONS:**

1. Use blue / black ball point pen only.
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3. All questions are compulsory.
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7. Use a common answer book for all sections.

**1. Answer the following questions ( any five )**

**2x5=10**

- a) Catarrhal Inflammation.
- b) Vector transmission.
- c) Define Thrombocytopenia and its causes.
- d) Define Sterilization & Disinfection.
- e) Complications of Wound Healing.
- f) Culture Media used for Vibrio cholerae.

**2. Answer the following questions ( any four )**

**4x5=20**

- a) Utility of P/S.
- b) Difference between Taenia saginata & T. solium.
- c) Classification of Bacteria on the basis of Size & Arrangement.
- d) Amoebic liver abscess.
- e) Chemical mediators of Inflammation.
- f) Healing by First Intention.

**3. Long answer question ( any two )**

**2x10=20**

- a) Describe Virchow's triad.
- b) Describe Morphology, life cycle and Pathogenesis of Echinococcus granulosus.
- c) Define Culture Media? Explain Different Types of Culture Media.

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POST GRADUATE INSTITUTE & RESEARCH CENTER, JAYSINGPUR**

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**PRELIMINARY EXAMINATION FOR STUDENTS APPEARING MUHS EXAM SUMMER 2017**

**CLASS:** Second B.H.M.S. (NEW)  
**SUBJECT:** Pathology & Microbiology

**TOTAL MARKS:** 100  
**TIME:** SECTION A+B= 3 Hours.

**INSTRUCTIONS:**

- a) Use blue / black ball point pen only.
- b) Do not write anything on the blank portion of the question paper. If written anything, such type of act will be considered as an attempt to resort to unfair means.
- c) All questions are compulsory.
- d) The number to right indicates full marks.
- e) Draw diagrams wherever necessary.
- f) Distribution of syllabus in Question Paper is only meant to cover entire syllabus within the stipulated frame. The Question paper pattern is a mere guideline. Questions can be asked from any paper's syllabus into any question paper. Students cannot claim that question is out of syllabus. As it is only for the placement sake, the distribution has been done.
- g) Use a common answer book for all sections.

**SECTION - A (SAQ)**

**(60 MARKS)**

**(10 X 2 = 20)**

**1. Answer the following questions (any ten out of fifteen)**

- a) Anaerobic Culture Media.
- b) Lipid Profile.
- c) Define atrophy & two examples for Pathological atrophy.
- d) What is Primary Complex?
- e) Liquefactive Necrosis.
- f) What is cell adaptation?
- g) What is Embolism & its causes.
- h) Vector Transmission.
- i) What is Apoptosis?
- j) C.V.C. Liver.
- k) Cloudy Swelling.
- l) Mention the definitive host & intermediate host for malaria & filaria.
- m) Complication of wound infection.
- n) Mention any four Jone's criteria

**(4 x 5 = 20)**

**2. Answer the following questions. ( any four out of six )**

- a) Gas Gangrene.
- b) Describe Healing of wound by First Intention.
- c) Fat Embolism.
- d) Eggs of Ascaris Lumbricoides.
- e) A.M.L.
- f) Metastatic Calcification.

**3. Answer the following questions ( any four out of six )**

**(4 x 5 = 20 )**

- a) Mitral Stenosis.
- b) Lobar Pneumonia.
- c) C.S.F. changes in Tuberculous Meningitis.
- d) Miasmatic approach of Neoplasia.
- e) Classification of Jaundice & clinical features.
- f) Pathogenesis of *Ancylostoma duodenale*.

**SECTION - B (LAQ)**

**(40 MARKS)**

**4. Long answer questions ( any two out of four )**

**( 2 x 10 = 20 )**

- a) Describe Morphology, Cultural characters & Pathogenesis of *Staphylococci*.
- b) Describe Morphology & Life cycle of *Echinococcus granulosus*.
- c) S.T.I. ( Sexually Transmitted Infection )
- d) Describe Life cycle & Pathogenicity of *Plasmodium vivax*.

**Long answer questions (any one from Q.No. 5, 6, & 7)**

**(1 x 20 = 20)**

5. Describe Morphology, Life cycle, Pathogenesis and Lab diagnosis of *Entamoeba histolytica*.
6. Describe Morphology, Classification, Pathogenesis and Lab diagnosis of *Mycobacterium tuberculosis*.
7. Describe Definition & etiology, Classification, Pathogenesis, Laboratory Investigations of Cirrhosis of Liver.

DR.J.J.MAGDUM TRUST'S  
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**TERMINAL EXAMINATION JANUARY 2018**

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**CLASS: II B.H.M.S. (2015)**  
**SUBJECT: PATHOLOGY & MICROBIOLOGY.**  
**PAPER : II**

**TOTAL MARKS: 50**  
**TIME: 2 Hours.**  
**DATE:**

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**INSTRUCTIONS:**

1. Use blue / black ball point pen only.
2. Do not write anything on the blank portion of the question paper. If written anything, such type of act will be considered as an attempt to resort to unfair means.
3. All questions are compulsory.
4. The number to right indicates full marks.
5. Draw diagrams wherever necessary.
6. Distribution of syllabus in Question Paper is only meant to cover entire syllabus within the stipulated frame. The Question paper pattern is a mere guideline. Questions can be asked from any paper's syllabus into any question paper. Students cannot claim that question is out of syllabus. As it is only for the placement sake, the distribution has been done.
7. Use a common answer book for all sections.

1. **Answer the following questions ( any five )** **2x5=10**
- a) Name four types of Malarial parasite.
  - b) Vector transmission with examples.
  - c) Difference between bacteria & viruses.
  - d) Write two examples of Gram Positive Bacilli.
  - e) Components of Culture Media.
  - f) Write two examples of DNA viruses.

2. **Answer the following questions ( any four )** **4x5=20**
- a) Human Influenza Virus.
  - b) Host – Parasite relationship.
  - c) Bacterial Growth Curve.
  - d) Investigation of Kala Azar.
  - e) Methods of Chemical Sterilization.
  - f) NIH Swab.

3. **Long answer question ( any two )** **2x10=20**
- a) Describe Morphology & life cycle of *Ascaris lumbricoides*.
  - b) Define Culture Media? Explain Different Types of Culture Media.
  - c) Describe Morphology, Cultural characteristic, pathogenesis & Lab diagnosis of *Staphylococci*.