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DAB012015201-P-1

Second B.H.M.S. (2015) Examination, Winter - 2022
PATHOLOGY, BACTERIOLOGY & PARASITOLOGY-I (Paper - I)

Total Duration : Section A + B = 3 Hours

Section B Marks : 80

SECTION - B

- Instructions :**
- 1) Use **blue/black** ball point pen only.
 - 2) **Do not** write anything on the **blank portion of the question paper**. Rough work should not be done on the Answer Sheet or anywhere on the Question Paper except the specific space provided for the rough work. 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.
 - 7) Use a common answerbook for **all** sections.

2. Short Answer Questions (Solve any 4 out of 6): **[4 × 5 = 20]**

- a) Laboratory Diagnosis of Pulmonary TB
- b) Differentiate between pale and red infarcts
- c) Proteinuria
- d) Fate of thrombus
- e) Coagulative necrosis
- f) CVC Lung

3. Short answer questions (Solve any 4 out of 6): **[4 × 5 = 20]**

- a) B-Thalassemia
- b) Acute Pancreatitis

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- c) Chronic Gastric ulcers and it's complications
- d) Colloid Goitre
- e) TORCH complex
- f) Etiopathogenesis and classification of Bronchial Asthma

4. Long Answer Questions (Solve any 2 out of 4): **[2 × 10 = 20]**

- a) Define and Classify Amyloidosis. Describe it's pathogenesis, chemical nature and staining properties.

OR

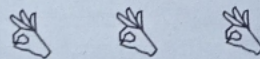
- b) Define Atherosclerosis. Describe the Etiopathogenesis and Pathology in detail.
- c) Define Cirrhosis of liver. Mention the types and Etiopathogenesis. Discuss it's complications.

OR

- d) Define and Classify Hypersensitivity reactions. Add a note on Anaphylaxis.

Long Answer Questions (Any one from Q.No. 5, 6 and 7): **[1 × 20 = 20]**

- 5. Define Inflammation. Mention it's types. Discuss the cellular and vascular events in detail. Add a note on Pyogenic Meningitis.
- 6. Define Immunity. Describe cellular and humoral immunity. Add a note on secondary immunodeficiency diseases.
- 7. Define Degeneration. Mention types. Discuss Etiopathogenesis of reversible cell injury due to ischemia and hypoxia in detail. Add a note on Fatty Liver.



Second B.H.M.S. (2015) Examination Winter - 2022
PATHOLOGY, BACTERIOLOGY & PARASITOLOGY - II
(Paper - II)

Total Duration : Section A + B = 3 Hours

Section B Marks : 80

SECTION - B

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 - 7) Use a common answerbook for **all** sections.

2. Short Answer Questions (Solve any 4 out of 6):

[4 × 5 = 20]

- a) Lab diagnosis of *C. diphtheriae*
- b) Differences between tuberculoid leprosy & lepromatous leprosy.
- c) *T. vaginalis*
- d) Life cycle of *W. bancrofti*
- e) Methods of anaerobiosis
- f) Oncogenic virus

3. Short Answer Questions (Solve any 4 out of 6): [4 × 5 = 20]

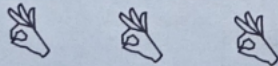
- a) Lab diagnosis of food poisoning
- b) Nosocomial infections
- c) Mucor mycosis
- d) Immune complex disease
- e) Giardiasis
- f) Widal test

4. Long Answer Questions (Solve any 2 out of 4): [2 × 10 = 20]

- a) Describe in details of different types of culture media.
- b) Describe different types mosquito borne viral illnesses.
- c) Describe in details of morphology, life cycle pathogenicity & lab diagnosis of T trichura.
- d) Describe in details of influenza virus.

Long Answer Questions (any one from Q.No. 5, 6 and 7): [1 × 20 = 20]

- 5. Describe in details of lab diagnosis of different types of sexually transmitted diseases.
- 6. Describe in details of morphology, cultural characters, pathogenicity & lab diagnosis of E coli.
- 7. Describe morphology, life cycle, pathogenicity & lab diagnosis of A duodenale.



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Second B.H.M.S. (Old)/(New)/(2015) Examination, Winter - 2022

FORENSIC MEDICINE & TOXICOLOGY

Total Duration : Section A+B = 3 Hours

Section B Marks : 80

SECTION - B

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 - 7) Use a common answer book for section B.

2. Short Answer Questions (Solve any 4 Out of 6) :- **[4 × 5 = 20]**

- a) Write about s/s of Starvation.
- b) Write a note on Exhumation
- c) Write in detail about Artificial insemination.
- d) Define injury and describe in detail grievous injury.
- e) Euthanasia.
- f) Professional misconduct

3. Short Answer Questions (Solve any 4 Out of 6) :- **[4 × 5 = 20]**

- a) Alcohol poisoning
- b) Aconite poisoning
- c) Write the examples of deliriant poisons and write about cannabis indica poisoning.
- d) The Narcotic and Psychotropic Substances Act.
- e) Write a note on Drug dependence.
- f) Write about main principle of treatment of venomous snake bite.

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4. Long Answer Questions (Solve any 2 Out of 4) :- [2 × 10 = 20]

- a) Write the classification of unnatural sexual offences and write in detail about sodomy.

OR

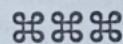
- b) Define injury, classify mechanical injury, describe in detail about Bruise.
c) Enumerate all the congenital features which are considered for Identification of Individual and describe in detail finger print system with its medicoegal importance.

OR

- d) Write the classification of signs of death and Describe in detail about Putrefaction.

Long Answer Questions (5, 6, 7) (Solve any 1 Out of 3) :- [1 × 20 = 20]

5. Discuss Lead poisoning in detail. (acute & chronic)
6. Discuss in detail about opium poisoning with reference to its signs and symptoms, fatal dose, fatal period, differential diagnosis of opium poisoning, management and medicolegal aspect.
7. Discuss the classification of poison according to their mode of action, describe about fate of poison and add a note on Antidote.



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Second B.H.M.S. (New) (2015) Examination, Winter - 2022

HOMOEOPATHIC MATERIA MEDICA

Total Duration : Section A+B = 3 Hours

Section B Marks : 80

SECTION - B

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 - 3) **All questions are compulsory.**
 - 4) The number to the **right** indicates **full marks**.
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 - 7) Use a common answer book for section B.

2. Short Answer Questions (Solve any 4 Out of 6) :- [4 × 5 = 20]
- a) Write modalities and elements from Natrum - Mur. 2
 - b) Define Biochemic system of medicine and its concepts.
 - c) Write the physical general symptoms of Sulphur.
 - d) Describe the basic concept and construction of Homeopathic Materia Medica. 3
 - e) Explain various sources of Homeopathic Drugs. 3
 - f) Write guiding indication of Arsenic Album. 3

3. Short Answer Questions (Solve any 4 Out of 6) :- [4 × 5 = 20]
- a) Write the guiding indication of Nux Vomica. 2
 - b) Write classification of Homeopathic Materia Medica. 3
 - c) Write guiding indication of Calc - Flourica.
 - d) Write physical general symptoms of Lycopodium.
 - e) Write the mind symptoms of Kali Phos. 1
 - f) Write different methods of studying Homeopathic Materia Medica. 3

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4. Long Answer Questions (Solve any 2 Out of 4) :- [2 × 10 = 20]

- a) Compare and contrast between Antim Crud and Hepar Sulp in skin complaints.

OR

- b) Compare and contrast respiratory of Natrum Sulp and Drosera.
c) Compare and contrast between Arnica and Bellis per in injury.

OR

- d) Compare Cina and chamomilla child.

Long Answer Questions (Any one from Q.No. 5, 6 and 7) :- [1 × 20 = 20]

5. Describe the drug picture of Calc - Flourica in detail.
6. Define Homeopathic Materia Medica and describe the scope and limitations of Homeopathic Materia Medica in detail.
7. Describe drug picture of Pulsatilla in detail.

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Second B.H.M.S. (Old)/(New)/(2015) Examination, Winter - 2022
ORGANON OF MEDICINE / ORGANON AND HOMOEOPATHIC
PHILOSOPHY

Total Duration : Section A+B = 3 Hours

Section B Marks : 80

SECTION - B

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 - 7) Use a common answer Book for Section B.

2. Short Answer Questions (Solve any 4 Out of 6) :-

[4 × 5 = 20]

- a) Contributions of Dr Rajendra Lal Dutta
- b) Antipathy
- c) Conversion of Dr Kent to Homoeopathy 3
- d) Herings Law of Direction of Cure 2
- e) Classification of Acute diseases 3
- f) Law of Similars 2

3. Short Answer Questions (Solve any 4 Out of 6) :-

[4 × 5 = 20]

- a) Dreams
- b) Intelligence 3
- c) Modus Operandi of Law of Similars 3
- d) Nature's Law of Cure 3
- e) Inductive Logic 3
- f) Protection from sickness

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4. Long Answer Questions (Solve any 2 Out of 4) [2 × 10 = 20]

- a) Discuss life conversion and contribution to Homeopathy of Dr Boenninghausen

OR

- b) Discuss Examination of Patient in Homeopathy.
c) Explain 'The high and only mission of the physician is to restore the sick to health, to cure as it is termed'

OR

- d) Define Vital Force. Discuss Vital Force in Health, Disease, Cure and Recovery.

Long Answer Questions (Solve any 1 Out of 5, 6 and 7) :- [1 × 20 = 20]

5. Define Drug Proving. Who is the ideal and best prover / Discuss Drug Proving as per guidelines of Organon
6. Discuss the education and medical practice of Dr Hahnemann. Add a note on contribution of Dr Hahnemann as Hygienist and Chemist.
7. What are the various knowledges of a physician. Add a note on physician as a 'Preserver of Health'.

