

B.D.S. IInd YEAR ANNUAL EXAMINATION, JULY 2016**(PHARMACOLOGY, PAPER CODE :- 0210201)****Time : 03 Hrs.****Maximum Marks : 70****Instructions :**

1. Write your Roll No. on the Question Paper.
2. Candidate should ensure that the question paper supplied to them is complete in all respect. Complaints in this regard, if any, should be made to the invigilatory staff on duty in the exam centre with in 15 Minutes of the commencement of the exam. No complaint shall be entertained thereafter.
3. Attempt all questions. Parts of a question should be attempted in sequential order.
4. Draw the diagram wherever required.

Part A

1. Classify β -lactum antibiotics. Write mechanism of action, therapeutic Uses and adverse effects of penicillins. 11
2. Write drug treatment of : 4+4+4=12
 - (a) Myocardial infarction
 - (b) Status asthmaticus
 - (c) Peptic ulcer due to *H. Pylori*.
3. Write short notes on the following : 4+4+4=12
 - (a) Antiemetics
 - (b) Mouthwashes
 - (c) Kinetics of elimination.

Part B

4. (a) Classify Local anaesthetics. 5+6
(b) Write advantages and disadvantages of I/V route of drug administration.
5. Enumerate the following : 4+4+4=12
 - (a) Anti-anginal drugs
 - (b) Fluoro-quinolones
 - (c) NSAIDs.
6. Comment on the following combinations : 4+4+4=12
 - (a) Isoniazid and pyridoxine
 - (b) Trimethoprim and sulphamethoxazole
 - (c) Amoxicillin and sulbactam.

WVA

B.D.S. IInd YEAR ANNUAL EXAMINATION, JULY 2016

(GENERAL PATHOLOGY, PAPER CODE :- 0210202)

Time : 03 Hrs.**Maximum Marks : 70****Instructions :**

1. Write your Roll No. on the Question Paper.
2. Candidate should ensure that the question paper supplied to them is complete in all respect. Complaints in this regard, if any, should be made to the invigilatory staff on duty in the exam centre with in 15 Minutes of the commencement of the exam. No complaint shall be entertained thereafter.
3. Attempt all the questions.
4. Use separate answer sheets for Section A and Section B respectively.
5. Draw diagram wherever required.

Section A

1. Define and classify anaemia. Discuss the etiopathogenesis and laboratory diagnosis of Iron deficiency anaemia. 10
2. Write short notes on the following : 2.5×4=10

(a) Fracture healing	(c) Fatty change
(b) Dental caries	(d) Ischemic heart disease.
3. Discuss briefly (any three) : 5×3=15

(a) Metastasis	(c) Types of necrosis
(b) Osteosarcoma	(d) Difference between dry and wet gangrene

Section B

4. Define inflammation. Give cardinal signs of acute inflammation. Discuss the vascular and cellular events of inflammation. 10
5. Discuss briefly : 2.5×4=10

(a) Hodgkin's lymphoma	(d) Stages of shock.
(b) Classification of salivary gland neoplasms	
(c) Structure and staining of amyloid	
6. Write short notes on any three of the following : 5×3=15

(a) Fate of secondary pulmonary tuberculosis	(d) Immune thrombocytopenic purpura (ITP).
(b) Red infarct	
(c) Viral oncogenesis	

B.D.S. IInd YEAR ANNUAL EXAMINATION, JULY 2016**(GENERAL MICROBIOLOGY, PAPER CODE :- 0210203)****Time : 03 Hrs.****Maximum Marks : 70****Instructions :**

1. Write your Roll No. on the Question Paper.
2. Attempt all the questions and parts of a question should be attempted in sequential order.
3. Question paper consists of two Parts : Part I and Part II having 35 maximum marks for each. Use separate answer book for Part I and Part II respectively. Any mistake in this regard will be at the risk and the responsibility of the examinee and no complaint will be entertained in this regard after the examination.
4. Draw the diagram wherever required.

Part I

1. Define the terms sterilization, disinfection and antisepsis. Enumerate the various methods of sterilization. Describe in detail the principle and working of autoclave. **5+3+7=15**
2. Write briefly about any *four* of the following : **5×4=20**
 - (a) Type IV Hypersensitivity Reaction
 - (b) Dental plaque
 - (c) Diseases caused by *Streptococcus pyogenes*
 - (d) Difference between exotoxin and endotoxin
 - (e) Prophylaxis of Tetanus.

Part II

3. Describe the structure of Hepatitis B virus. Mode of transmission of HBV. Add a note on infection control practices in dentistry. **5+5+5=15**
4. Write short notes on the following : **5×4=20**
 - (a) Extra-intestinal amoebiasis
 - (b) Opportunistic infections in immunocompromised patients
 - (c) Mycetoma
 - (d) Filariasis.

B.D.S. IInd YEAR ANNUAL EXAMINATION, JULY 2016**(DENTAL MATERIALS, PAPER CODE :- 0210204)****Time : 03 Hrs.****Maximum Marks : 70****Instructions :**

1. Write your Roll No. on the Question Paper.
2. Candidate should ensure that the question paper supplied to them is complete in all respect. Complaints in this regard, if any, should be made to the invigilatory staff on duty in the exam centre with in 15 Minutes of the commencement of the exam. No complaint shall be entertained thereafter.
3. Attempt all questions. Parts of a question should be attempted in sequential order.
4. Draw the diagram wherever required.

Part I

1. Classify dental cements. Discuss in detail about glass ionomer cement. 10
2. Write in detail about dental ceramics. 10
3. Write short notes on the following : 3×5=15
 - (a) Tarnish and Corrosion
 - (b) Yield Strength
 - (c) Biocompatibility Tests.

Part II

4. Discuss in detail investment materials. 10
5. Discuss in detail gold and its alloys. 10
6. Write short notes on the following : 3×5=15
 - (a) Optical properties of dental materials
 - (b) Electroplating
 - (c) Polishing Agents.