

BDS-2ND YEAR ANNUAL EXAMINATIONS; JUNE-2018
(SUB.: PHARMACOLOGY: PAPER CODE: 0210201)

TIME: 03:00 Hrs.

Max. Marks: 70

Instructions:-

1. Write your Roll no. on the Question paper.
2. Candidate should ensure that they have been provided with the correct question paper. Complaints in this regards, If any, should be made within 15 minutes of the commencement of the exam. No complaint(s) will be entertained thereafter.
3. The question paper consists of two parts: Part-I and Part-II, **having 35 maximum marks for each. Use separate answer books for Par-I and Part-II.** Any mistake in this regard will be responsibility of the examinee and no complaint will entertained after the examination.
4. Draw the diagram wherever required.

PART-I

- Q.1 Classify Local anesthetic agents & discuss the mechanism of action, adverse effects & therapeutic uses of Lignocaine. (11)
- Q.2 Write the drug treatment of:- (4+4+4=12)
- a) Acute Paracetamol poisoning
 - b) Status epilepticus
 - c) Oral candidiasis
- Q.3 Write short notes on the following:- (4+4+4=12)
- a) Loop diuretics
 - b) Drug antagonism
 - c) Anti-microbial drug resistance

PART-II

- Q.4 a) Classify Opioid Analgesics. (5)
b) Write advantages & disadvantages of Radioactive Iodine. (6)
- Q.5 Enumerate the following:- (4+4+4=12)
- a) ACE inhibitors
 - b) Oral Anti-diabetic drugs
 - c) Anti-plaque agents
- Q.6 Comment on the following combinations:- (4+4+4=12)
- a) Hydrochlorothiazide and Amiloride
 - b) Amlodipine and atenolol
 - c) Tazobactam and piperacillin

BDS-2ND YEAR ANNUAL EXAMINATIONS; JUNE-2018
(SUB.: GENERAL PATHOLOGY: PAPER CODE: 0210202)

TIME: 03:00 Hrs.

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PART-I

- Q.1 Define neoplasia. Describe the differences between benign and malignant tumours and the pathways of spread of malignant tumours. (2+4+4=10)
- Q.2 Write short notes on:- (4x2.5=10)
- a) Gangrene
 - b) Fate of thrombus
 - c) Primary complex of tuberculosis
 - d) Mechanism of free radical injury
- Q.3 Discuss briefly (any three):- (3x5=15)
- a) Pathogenesis of fatty liver
 - b) Apoptosis
 - c) Types of necrosis
 - d) Local and systemic effects of inflammation

PART-II

- Q.4 Classify anemia on pathophysiological basis. Describe clinical features and peripheral smear findings of megaloblastic anemia. (3+3+4=10)
- Q.5 Write short notes on:- (4x2.5=10)
- a) Predisposing risk factors of essential hypertension
 - b) Acute complications of Diabetes Mellitus
 - c) Healing of bone fracture
 - d) Peripheral smear findings of Acute myeloid leukemia
- Q.6 Discuss briefly (any three):- (3x5=15)
- a) Premalignant lesions of oral cavity
 - b) Laboratory tests to investigate a case of continuous bleeding after tooth extraction
 - c) Predisposing risk factors and complications of Infective Endocarditis
 - d) Ameloblastoma

BDS-2ND YEAR ANNUAL EXAMINATIONS; JUNE-2018
(SUB.: GENERAL MICROBIOLOGY: PAPER CODE: 0210203)

TIME: 03:00 Hrs.

Max. Marks: 70

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3. The question paper consists of two parts: Part-I and Part-II, **having 35 maximum marks for each. Use separate answer books for Par-I and Part-II.** Any mistake in this regard will be responsibility of the examinee and no complaint will entertained after the examination.
4. Draw the diagram wherever required.

PART-I

- Q.1 Classify *Streptococci*. Describe the laboratory diagnosis of suppurative *Streptococcal*throat infection. (2+8=10)
- Q.2 Define Sterilisation and Disinfection . Describe moist heat sterilization above 100 degree Celsius. (2+8=10)
- Q.3 Write briefly on **any three:-** (3x5=15)
- a) Antimicrobial Resistance
 - b) Type IV Hypersensitivity Reaction
 - c) Biological False Positives
 - d) IgM

PART-II

- Q.4 Enumerate any two intestinal parasites. Describe the life cycle of *Entamoeba histolytica*. (2+8=10)
- Q.5 Enumerate two DNA viruses . Describe the serological markers of HBV. (2+8=10)
- Q.6 Write briefly on **any three:-** (3x5=15)
- a) Inclusion bodies
 - b) Occult filariasis
 - c) Dental plaque
 - d) Herpes labialis

BDS-2ND YEAR ANNUAL EXAMINATIONS; JUNE-2018
(SUB.: DENTAL MATERIALS: PAPER CODE: 0210204)

TIME: 03:00 Hrs.

Max. Marks: 70

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3. The question paper consists of two parts: Part-I and Part-II, **having 35 maximum marks for each. Use separate answer books for Par-I and Part-II.** Any mistake in this regard will be responsibility of the examinee and no complaint will entertained after the examination.
4. Draw the diagram wherever required.

PART-I

- Q.1** Write the composition, manipulation, setting reaction and properties of irreversible Hydrocolloid Impression material. (2+2+3+3=10)
- Q.2** Classify Dental Waxes. Write their ideal requirements, composition, properties and uses in brief? (2+2+2+2+2=10)
- Q.3 Short notes:-** (3x5=15)
- a) Electroplated dies
 - b) Dental Casting alloys
 - c) Impression Compound

PART-II

- Q.4** Discuss the composition, manipulation, setting reaction of Irreversible Hydrocolloid impression material. (2+2+3+3=10)
- Q.5** Classify and describe various Die materials. (5+5=10)
- Q.6 Briefly Describe:-** (3x5=15)
- a) Methods to compensate casting shrinkage
 - b) Classify Casting Defects & Discuss the causes of porosities in details
 - c) Ideal requirements and classification of Impression Materials
