



DBD-201718 Seat No. _____
Second Year M.B.B.S. Examination
May – 2021
Pathology : Paper-I
(New Course)

Time : **3** Hours]

[Total Marks : **100**

Instructions :

- 1) Figures to the right indicate full marks.
- 2) Write legibly and to the point.
- 3) Irrelevant writing carries negative value.
- 4) Draw a figure wherever necessary.

Section - I

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|---|---|-----------|
| 1 | Define Shock and mention types of Shock. Discuss etiopathogenesis of Septic Shock. | 12 |
| 2 | Write short notes on : (Any Two)
a) Role of Mitochondria in Irreversible cell injury.
b) Cell derived Chemical Mediators in Acute Inflammation.
c) Chemical Carcinogenesis and examples of Chemical Carcinogens. | 12 |
| 3 | Write short notes on : (Any Four)
a) Etiopathogenesis of oedema.
b) Immunopathology of HIV infection.
c) Define Necrosis and describe various types of Necrosis in brief.
d) Endogenous Pigment disorders.
e) Describe Healing by First Intention. | 16 |

- 4 Answer in brief : (Any Two) 4
- What is empathy? Role of empathy in patient care.
 - What must informed consent include.
 - Surrogacy in decision makings.
- 5 Objective Questions : (Any Six) 6
- State whether true or False :
Scurvy is caused by Vit-C deficiency.
 - State whether True or False :
Lipofucin is exogenous pigment.
 - Give two examples of Chronic Granulomatous Inflammation.
 - Define Apoptosis.
 - Write routes of spread in Malignant Neoplasm.
 - Write two special stains for Amyloid.
 - Nut Meg Liver is seen in _____
(1) Thrombosis (2) Chronic passive venous congestion
(3) Inflammation (4) Cancer

Section - II

- 1 Write indication, contraindication and complication of Lumber Puncture. Write physical and biochemical tests of CSF and discuss their role in Tuberculous Meningitis. 12
- 2 Write short notes on : (Any Two) 12
- Thyroid Function Tests.
 - How to investigate a case of Blood Transfusion Reaction.
 - Glucose Tolerance Test.
- 3 Write short notes on : (Any Four) 16
- Blood components in Blood Bank.
 - Microscopic examination of Semen.
 - Liver Enzyme studies.
 - Proteinuria.
 - Recent advances in Clinical Pathology.

- 4 Answer in brief : (Any Two) 4
- a) Autonomy
 - b) Cross matching by Saline technique
 - c) Exfoliative Cytology.
- 5 Objective Questions : (Any Six) 6
- a) State whether True or False :
Erythroblastosis fetalis is Haemolytic disease of Newborn
 - b) State whether True or False :
Urobilinogen in Urine increased in Obstructive Jaundice.
 - c) Indication for arterial blood collection.
 - d) Name two embedding media used in histopathology lab.
 - e) Normal value of Serum Creatinine.
 - f) Enumerate infectious diseases transmitted by Blood.
 - g) _____ component is used for patient with burns.
 - (1) Whole Blood
 - (2) Platelet Concentrate
 - (3) Fresh Frozen Plasma
 - (4) Red Cell Concentrate
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