

MBBS II (Second) Professional Examination 2018-19

Course Code: MBS201

Paper ID: 03218201

Pathology-I

Time: 2 Hours 40 Minutes

Max Marks: 30

Note: Attempt all questions. Draw proper diagrams to support your answer.

Part 'B'

- 1. Write about pathophysiology, peripheral smear findings and lab investigation of sickle cell anemia. (7)
- 2. Describe healing of wound by primary intension and secondary intension. (7)
- 3. Write short notes on: (4+4)
 - a) DIC
 - b) FAB Classification of acute laukemia
- 4. Write short notes on: (4+4)
 - a) Chemotaxis
 - b) Metaplasia

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Roll No.

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Student's Signature

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Course Code: MBS201

Student's Name

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Invigilator's Signature

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Paper ID: 03218201

Pathology-I

Part 'A'

Time: 20 Minutes

Max Marks: 10

- Note:**
- 1. Attempt all questions and return this part of the question paper to the invigilator after 20 Minutes.
 - 2. Please tick (✓) correct one only. Cutting, overwriting or any other marking are not allowed.
 - 3. For answering please use Ball- pen only.

- Q.2 Paraneoplastic manifestation of gastric carcinoma is:
- Acanthosis Nigricans
 - Dermatomyositis
 - Hypoglycemia
 - Hypercalcemia
- Q.3 Appearance of Zebra bodies on electron microscopy is diagnosis of:
- Niemann Pick disease
 - Gaucher disease
 - TaySach disease
 - Glycogen storage disease
- Q.4 Which of the following is a stable cell:
- Cardiac myocyte
 - Neurons.
 - Hepatocyte
 - Gastro intestinal epithelium
- Q.5 Type of amyloid protein seen in patients with long term hemodialysis is:
- TTR
 - $\beta 2$ amyloid
 - β amyloid
 - AL Protein
- Q.6 Gumma is a feature of which type of syphilis:
- Primary
 - Secondary
 - Tertiary
 - Congenital
- Q.7 Presence of lanugo hair and fat in the pulmonary microcirculation is a feature of:
- Fat embolism
 - Amniotic fluid embolism
 - DIC
 - Caisson's disease
- Q.8 The distinctive nuclear and cytoplasmic structural alterations in apoptosis are due to:
- Caspase
 - Lipase
 - Amylase
 - Hydrolase
- Q.9 Downey cells are seen in the peripheral blood in which condition:
- Malaria
 - Kalaazar
 - Dengue

d) Tubular cells

- Q.18 Which of the following histological subtype of Hodgkin lymphoma is not associated with EBV infection:
- Mixed cellularity
 - Nodular sclerosis
 - Lymphocyte rich
 - Lymphocyte depleted
- Q.19 Increased susceptibility to pyogenic infections and coarse lysosomal granules in Neutrophils are seen in:
- PelgerHuet anomaly
 - Chediak Higashi anomaly
 - Chronic granulomatous disease
 - Common variable immune-deficiency
- Q.20 All the following are B cell lymphomas except:
- Burkitt lymphoma
 - Mycosis Fungoides
 - Mantle cell lymphoma
 - Follicular lymphoma

- Collagen deposition
- Hepatoblastoma
- Nephroblastoma

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- Q.11 Presence of Birbeck granules in cytoplasm is characteristic of:
- Primary myelofibrosis
 - Myelodysplastic syndrome
 - Langerhan cell histiocytosis
 - Polycythemia vera
- Q.12 What is the ideal temperature for storing Platelet concentrates:
- 2-8 °C
 - 20-24°C
 - 37°C
 - 50°C
- Q.13 Reduced serum haptoglobin is a feature of:
- Iron deficiency anemia
 - Hemolytic anemia
 - Megaloblastic anemia
 - Anemia of chronic disease
- Q.14 Cryoprecipitate is used for the treatment of:
- Hemophilia
 - Iron deficiency anemia
 - Aplastic anemia
 - Multiple myeloma
- Q.15 Acid Phosphatase positivity is seen in which acute leukemia:
- AML-M5
 - AML-M6
 - B-ALL
 - T-ALL
- Q.16 All the following are features of extravascular hemolytic anemia except:
- Jaundice
 - Splenomegaly
 - Hemoglobinuria
 - Anemia
- Q.17 Erythropoietin is secreted by which cells of the kidney:
- Mesangial cells
 - Interstitial cells
 - Endothelial cells