

MBBS II (Second) Professional Examination 2016-17

Course Code: MBS201 **Paper ID:** 0322401

Pathology-I

Time: 2 Hours 40 Minutes **Max Marks:** 30

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

Part ‘B’

- A 38 years old man with a history of blood transfusion presented with weakness and yellow.
 - What is your diagnosis? (1)
 - Which investigations would you like to do, to confirm your diagnosis? (4)
 - What future health risks are there with the disease? (2)
- What is Shock? What are its Types? Comment on Etiopathogenesis and outcome of Hypovolemic shock. (7)
- Answer the following short questions: (2x4=8)
 - Enumerate cells of Myeloid Series
 - Compare Lepromatous and Tuberculoid Leprosy
 - List the morphological changes seen in Reversible cell injury
 - Enumerate four tumor suppressor genes (Antioncogenes)
- Write short notes on: (4+4)
 - Metaplasia
 - Alcohol abuse.

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Roll No.	Student's Name
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Student's Signature	Invigilator's Signature
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Course Code: MBS201	Paper ID: 0322403

Pathology-I

Part ‘A’

Time: 20 Minutes **Max Marks:** 10

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

- | | |
|--|---|
| Q.1 Which of the following is reversible: | d) Anisonucleosis |
| a) Hyperplasia
b) Hypertrophy
c) Dysplasia
d) All the above | |
| Q.2 Which of the following is malignant: | Q.7 Sugar Level of C.S.F. in Pyococcal meningitis is: |
| a) Hematoma
b) Fibroma
c) Hepatoma
d) None of the above | a) 500 mg / dl
b) 100 mg / dl
c) 50 mg/ dl
d) 00 mg / dl |
| Q.3 An inflammatory exudate has: | Q.8 Hypersegmented neutrophils are classically seen in: |
| a) High specific gravity
b) High protein content
c) Numerous cells
d) All the above features. | a) Hemolytic anemia
b) Megaloblastic anemia
c) Iron deficiency anemia
d) Thalassemia |
| Q.4 Alpha fetoprotein acts as a tumor marker for: | Q.9 Vim Silverman needle is used for: |
| a) Gall bladder carcinoma
b) A.M.L.
c) Hepatocellular carcinoma
d) Choriocarcinoma | a) Bone marrow biopsy
b) Lymph node FNAC
c) Pleural biopsy
d) Liver biopsy |
| Q.5 Besides bone marrow, Erythropoiesis can take place in the following organ: | Q.10 Normal platelet count is:: |
| a) Liver b) Thymus
c) Lymph Node d) Lungs | a) 7-50 lakh / cumm
b) 1,500 to 5000 / cumm
c) 1.5 to 4-0 million / cumm
d) None of the above |
| Q.6 Which of the following is a definite feature of malignant neoplasia: | Q.11 Reversible ischaemic change includes all Except: |
| a) Metaplasia
b) Pleomorphism
c) Metastasis | a) Cell swelling
b) Bleb formation
c) Dissociation of polysomes to monosomes
d) Lysosomal swelling |

- Q.12 Who discovered Viral oncogenes:
- a) William Boyd
 - b) James Mackenzie
 - c) Varmus & Bishop
 - d) Knudson
- Q.13 Replacement of dead tissue cannot occur by:
- a) Stable cells
 - b) Embryonic cells
 - c) Permanent cells
 - d) Labile cells
- Q.14 Normal cell cycle is:
- a) $S_0 \rightarrow S_1 \rightarrow S_2 \rightarrow M$
 - b) $G_1 \rightarrow S \rightarrow G_2 \rightarrow M$
 - c) $S_1 \rightarrow M \rightarrow G_1 \rightarrow G_2$
 - d) $S \rightarrow G_1 \rightarrow G_2 \rightarrow M$
- Q.15 Acidic urine will not be suitable for studying:
- a) Ca. Oxalate crystals
 - b) Amorphous phosphate crystals
 - c) Urinary proteins
 - d) All the above
- Q.16 Encapsulation is not a feature of:
- a) Fibroadenoma
 - b) Squamous papilloma
 - c) Lipoma
 - d) Leiomyoma
- Q.17 Liquefaction necrosis is characteristically seen in infarct of:
- a) Spleen
 - b) Heart
 - c) Brain
 - d) Kidney
- Q.18 Which of the following is not a tumor marker:
- a) AFP
 - b) CEA
 - c) DIC
 - d) HCG
- Q.19 Who discovered ABO Blood Group System:
- a) William Boyd
 - b) Varmus & Bishop
 - c) Karl Landsteiner
 - d) James Mackenzie
- Q.20 Size of RBCs is nearest to that of: