

**VINAYAKA MISSION'S RESEARCH FOUNDATION, SALEM
(Deemed to be University)**

BDS DEGREE EXAMINATION – July 2021

Second Year

GENERAL PATHOLOGY

SECTION A

Time: Twenty Minutes

Maximum: 20 marks

Register Number :

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Signature of the candidate

Signature of the Invigilator

Instructions to the candidates

- 1. Write your Register Number and sign at the place specified on the first page of this Question Booklet.**
- 2. Do not open this question booklet until Invigilator announces the commencement of the examination.**
- 3. Answer ALL the Twenty questions. They carry equal marks. No negative marking for wrong answers.**
- 4. Answers should be marked legibly in the SHEET provided in capital letters.**
- 5. THE QUESTION BOOKLET SHOULD NOT BE TAKEN OUT OF THE EXAMINATION HALL.**
- 6. Questions should not be copied and taken out of the Examination Hall. Any one found violating this rule shall not be permitted to write the examination and shall be sent out of the Hall.**
- 7. At the end of 20 minutes, when the Invigilator announces 'STOP WRITING' you must stop writing immediately. If the candidate tries to attempt to answer the questions after the prescribed time, their answer script becomes invalid.**
- 8. Hand over the questions booklet containing answer sheet to the invigilator when you finish answering or immediately after 20 minutes.**

GENERAL PATHOLOGY
SECTION-A (20X1=20 MARKS)
(Multiple choice questions)

Time: Twenty Minutes

Maximum: 20 marks

Select the most appropriate answer and answer in the answer sheet attached:

1. Philadelphia chromosome seen in
 - A. Bone tumors
 - B. Chronic myeloid leukemia
 - C. Oral cancer
 - D. Breast cancer

2. Abnormal pigment in body
 - A. Bilirubin
 - B. Melanin
 - C. Lipofuscin
 - D. Iron

3. Liquefactive necrosis seen in
 - A. Kidney
 - B. In heart
 - C. In spleen
 - D. Brain

4. Apoptosis is
 - A. Toxic cell death
 - B. Programmed cell death
 - C. Hormonal cell death
 - D. Hypoxic cell death

5. Atrophy is
 - A. Decreased cell mass
 - B. Shrinkage of cell
 - C. Increased cells
 - D. Increased in organ size

6. Spread of tumor is known as
 - A. Metastasis
 - B. Metaplasia
 - C. Hypoplasia
 - D. Hypertrophy

(p.t.o.)

7. Edema is defined as
- A. An abnormal accumulation of fluids
 - B. Excess fluids in the body
 - C. Excess growth of tissue
 - D. Enlargement of organ
8. Exudate consists of
- A. Clear fluid
 - B. Fluid rich in proteins
 - C. Fluid rich in solids
 - D. Fluid of inflammatory cells and proteins
9. Hyperemia
- A. Congestion of veins
 - B. Dilatation of vessels
 - C. Dilatation of arterias
 - D. Engargment of vessels
10. Septic shock is due to
- A. Hypovolemia
 - B. Infection leading to septicemia
 - C. Hyper coagulation
 - D. Hyperperfusion
11. Thrombosis is
- A. Formulation of solid mass in vessel
 - B. Formation of gaseous mass
 - C. Formation of septic foci
 - D. Formation of epithelial mass
12. Leukoplakia is
- A. Disease of bone
 - B. Disease of oral cavity
 - C. White patch
 - D. Disease of gums
13. Leukopenia is
- A. Increased number of cells
 - B. Decreased number of WBC
 - C. Decreased number of all cells
 - D. Decreased platelets

14. Benign tumors
- A. Basal cell carcinoma
 - B. Lymphoma
 - C. Sarcoma
 - D. Osteoma
15. Obesity is due to
- A. Excess eating fat
 - B. Fat accumulation
 - C. Severe diabetes
 - D. Over nutrition
16. Vitamin "C" deficiency causes
- A. Bone deformity
 - B. Bow-legs
 - C. Bleeding disorder
 - D. Scurvy
17. Osteoclastoma is tumor of
- A. Long bones
 - B. Tumor of Jaw
 - C. Oral cavity
 - D. Tumor of Brain
18. Pleomorphic adenoma is
- A. Tumor of soft tissue
 - B. Tumor of salivary gland
 - C. Tumor of oral cavity
 - D. Tumor of skeletal muscle
19. Role of vitamin "E" is
- A. Anti oxidant
 - B. Maintains sterility
 - C. Maintains blood pressure
 - D. Maintains immunity
20. Embolism is
- A. Acceleration of gas
 - B. Obstruction in the vessel
 - C. Obstruction in the arteries
 - D. An occlusion in the vessel

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**BDS DEGREE EXAMINATION – July 2021
Second Year**

GENERAL PATHOLOGY

Time : Three hours

Maximum : 70 marks

Answer ALL Questions

Answer Section A in the Answer Sheet attached to it 20 marks – 20 minutes to be handed over to the invigilator immediately after 20 minutes

Answer Section B& C in the same answer book

Time: 2 hours 40 minutes

SECTION – B& C

Maximum: 50 marks

SECTION – B

I. Write an Essay on : (1 x 10 = 10)

1. Define Thrombosis and write the mechanism of Thrombosis.

II. Write short notes on : (3 x 5= 15)

2. Define gangrene and what are the types with examples.
3. Name chemical mediators of acute inflammation.
4. Fracture healing

SECTION – C

III. Write an Essay on: (1 x 10 = 10)

5. Define Leukemia and write about FAB classification of acute myeloid Leukemia.

IV. Write short notes on : (3 x 5= 15)

6. Causes of microcytic hypochromic anaemia.
7. CVC Lung
8. Septic shock.
