

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

MBBS DEGREE EXAMINATION – February 2020

Second Year

PATHOLOGY - PAPER II

SECTION A

Time: Fifteen Minutes

Maximum: 15 marks

Register Number :

--	--	--	--	--	--	--	--	--	--

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 Fifteen 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 15 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 15 minutes.

PATHOLOGY - PAPER II
SECTION-A (15X1=15 MARKS)
(Multiple choice questions)

Time: Fifteen Minutes

Maximum: 15 marks

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

1. Aschoff's cells are
 - A. Fibroblasts
 - B. Monocytes
 - C. Neutrophils
 - D. Lymphocytes
2. The commonest type of pericarditis in acute rheumatic fever is -
 - A. Serous
 - B. Fibrinous
 - C. Serofibrinous
 - D. Purulent
3. In the stage of gray hepatisation-
 - A. WBCs fill the alveoli
 - B. RBCs fill the alveoli
 - C. Organisms fill the alveoli
 - D. Accumulation of fibrin is seen
4. Chronic gastritis is caused by all except-
 - A. H. pylori
 - B. Pernicious anemia
 - C. Alcohol
 - D. Overuse of salicylates
5. Nutmeg liver seen in -
 - A. Chronic passive congestion
 - B. Infarction of liver
 - C. Amyloidosis
 - D. Budd chiari syndrome

(p.t.o.)

6. Hemochromatosis is defect in metabolism of -
 - A. Iron
 - B. Copper
 - C. Magnesium
 - D. Calcium
7. Podocytes are seen in -
 - A. Bowman's capsule
 - B. Proximal convoluted tubule
 - C. Distal convoluted tubule
 - D. Collecting tubule of the kidney
8. 90% of the bladder cancer arises from-
 - A. Squamous cells
 - B. Glandular cells
 - C. Transitional cells
 - D. Smooth muscle cells
9. Which of the following testicular tumor is not a germ cell neoplasm-
 - A. Seminoma
 - B. Yolk sac tumor
 - C. Sertoli cell tumor
 - D. Teratoma
10. Increased susceptibility to breast cancer is likely to be associated with a mutation in which of the following gene-
 - A. P53
 - B. BRCA-1
 - C. Retinoblastoma (Rb)
 - D. H-RAS
11. All of the following are true about Grave's, except-
 - A. Follicular cell hyperplastic
 - B. Increase in lymphocytes
 - C. Oncocytic metaplasia
 - D. Orphan annie eye nuclei

12. Giant cell tumor is seen in
- A. Epiphysis
 - B. Metaphysis
 - C. Diaphysis
 - D. Growth plate
13. Myasthenia gravis is commonly associated with -
- A. Thymoma
 - B. Thymic carcinoma
 - C. Thymic hyperplasia
 - D. Lymphoma
14. All are true about pyogenic meningitis, except-
- A. Increased CSF protein
 - B. Pleocytosis
 - C. Markedly decreased CSF glucose
 - D. Decreased CSF C- reactive protein
15. The following cell types do not participate in repair after brain infarction-
- A. Microglia
 - B. astrocytes
 - C. Fibroblasts
 - D. Endothelium

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

**MBBS DEGREE EXAMINATION – February 2020
Second Year**

PATHOLOGY – PAPER II

Time : Three hours

Maximum : 80 marks

Answer ALL Questions

Answer Section A in the Answer Sheet attached to it 15 marks – 15 minutes to be handed over to the invigilator immediately after 15 minutes

Answer Section B in the same answer book

Time : 2 hours 45 minutes

SECTION – B

Maximum : 65 marks

I. Write essays on :

(2 x 15 = 30)

1. Discuss in detail the etiology, pathogenesis, complications and laboratory diagnosis of Rheumatic heart disease. (3 + 4 + 4 + 4)
2. Classification of ovarian tumors. Add a note on tumors of trophoblastic tissue. (7 + 8)

II. Short notes on :

(5 x 5 = 25)

3. Etiopathogenesis of atherosclerosis
4. Bronchiectasis
5. Crohn's disease
6. Renal calculi
7. Viral hepatitis.

III. Answer briefly on :

(5 x 2 = 10)

8. Microscopy of cirrhosis
9. Microscopy of secretory phase endometrium
10. Microscopy of Hashimoto's thyroiditis
11. Mention 2 benign breast diseases
12. Mention 2 CNS tumors of glial origin.
