

DR NTR UNIVERSITY OF HEALTH SCIENCES :: VIJAYAWADA - 8  
M.B.B.S. DEGREE EXAMINATION – FEBRUARY, 2022  
SECOND M.B.B.S. EXAMINATION  
**PATHOLOGY- PAPER-II (Set – A)**  
(Multiple Choice Questions)

Time : 20 Minutes

Max. Marks: 20

Note : Answer all questions

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**SECTION-I (MCQs- 20 MARKS)**

1x20=20

- 1) BRCA1 gene is located on chromosome
  - a. 13
  - b. 11
  - c. 17
  - d. 22
  
- 2) A lady presented with abdominal mass. On surgery she was found to have bilateral ovarian masses with smooth surface. On microscopy they revealed mucin secreting cells with signet ring shape. What is the most likely diagnosis
  - a. Dysgerminoma
  - b. Mucinous adenocarcinoma of ovaries
  - c. Dermoid cyst
  - d. Krukenberg tumors
  
- 3) All are true about Dandy Walker Syndrome except
  - a. Dilated 4<sup>th</sup> ventricle
  - b. Hydrocephalus
  - c. Small vermis
  - d. Agenesis of corpus callosum
  
- 4) Tau protein is associated with
  - a. Prion disease
  - b. Parkinson disease
  - c. Alzheimer's disease
  - d. Amyotrophic lateral sclerosis
  
- 5) Psammoma bodies are seen in
  - a. Ependymoma
  - b. Meningioma
  - c. Medulloblastoma
  - d. Glioblastoma multiforme

- 6) PRWRI includes
  - a. DNA and RNA
  - b. Only RNA
  - c. Prions
  - d. Only DNA
- 7) Delta Cells of pancreas secretes
  - a. Insulin
  - b. Glucagon
  - c. Somatostatin
  - d. Amylin
- 8) The common cause of painless thyroid is
  - a. Hashimoto's thyroiditis
  - b. Riedel's thyroiditis
  - c. Subacute granulomatous thyroiditis
  - d. Grave's thyroiditis
- 9) Orphan Annie Nuclei is seen in which thyroid carcinoma
  - a. Medullary
  - b. Anaplastic
  - c. Papillary
  - d. Follicular
- 10) Plunging goiter is
  - a. Sanitary module
  - b. Colloid goiter
  - c. Retro-sternal goiter
  - d. Medullary carcinoma
- 11) Dystrophin gene mutation leads to
  - a. Myasthenia gravis
  - b. Duchenne Muscular Dystrophy
  - c. Amyotrophic lateral sclerosis
  - d. Multiple sclerosis
- 12) Most common site for myeloma in heart is
  - a. Right atrium
  - b. Left ventricle
  - c. Right ventricle
  - d. Left atrium

- 13) Defective synthesis of fibrillin protein will leads to
  - a. Ehlers – Danlos syndrome
  - b. Loeys-Dietz syndrome
  - c. Marfan’s syndrome
  - d. Osteogenesis imperfecta
- 14) Libman-Sack’s endocarditis is found in
  - a. Rheumatic arthritis
  - b. SLE
  - c. Syphilis
  - d. Lymphoma
- 15) Which protein is defective in dilated cardiomyopathy
  - a. Myosin
  - b. Tropomyosin
  - c. Dystrophin
  - d. Troponin
- 16) The tubercular bacilli mostly residents in apical lobe of lung. The reason is
  - a. Both ventilation and perfusion / unit by volume is maximum at apex
  - b. Ventilation perfusion ratio is maximum at apical region
  - c. Both ventilation and perfusion is maximum at base of lung
  - d. Ventilation perfusion ratio is maximum at the base of lung
- 17) Reid index is increased in
  - a. Asthma
  - b. Emphysema
  - c. Chronic Bronchitis
  - d. Pneumonia
- 18) All are component of Horner Syndrome except
  - a. Ptosis
  - b. Miosis
  - c. Corneal ulceration
  - d. Anhidrosis
- 19) Collapse of lung is caused
  - a. Atelectasis
  - b. Bronchiectasis
  - c. Emphysema
  - d. Bronchitis
- 20) Micro albuminuria means daily excretion of which range of albumin
  - a. 300- 500 mg/24 hours
  - b. 500-1000 mg/24 hours
  - c. 30- 300 mg/24 hours
  - d. 10 – 30 mg/ 24 hours

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M.B.B.S. DEGREE EXAMINATION – FEBRUARY, 2022  
SECOND M.B.B.S. EXAMINATION  
**PATHOLOGY- PAPER-II (Set – B)**  
(Multiple Choice Questions)

Time : 20 Minutes

Max. Marks: 20

Note : Answer all questions

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**SECTION-I (MCQs- 20 MARKS)**

1x20=20

- 1) Tau protein is associated with
  - a. Parkinson disease
  - b. Alzheimer's disease
  - c. Amyotrophic lateral sclerosis
  - d. Prion disease
- 2) All are true about Dandy Walker Syndrome except
  - a. Hydrocephalus
  - b. Small vermis
  - c. Agenesis of corpus callosum
  - d. Dilated 4<sup>th</sup> ventricle
- 3) A lady presented with abdominal mass. On surgery she was found to have bilateral ovarian masses with smooth surface. On microscopy they revealed mucin secreting cells with signet ring shape. What is the most likely diagnosis
  - a. Mucinous adenocarcinoma of ovaries
  - b. Dermoid cyst
  - c. Krukenberg tumors
  - d. Dysgerminoma
- 4) BRCAI gene is located on chromosome
  - a. 13
  - b. 11
  - c. 17
  - d. 22
- 5) The common cause of painless thyroid is
  - a. Riedel's thyroiditis
  - b. Subacute granulomatous thyroiditis
  - c. Grave's thyroiditis
  - d. Hashimoto's thyroiditis

Contd ... 2

- 6) Delta Cells of pancreas secretes
  - a. Glucagon
  - b. Somatostatin
  - c. Amylin
  - d. Insulin
- 7) PRWRI includes
  - a. Only RNA
  - b. Prions
  - c. Only DNA
  - d. DNA and RNA
- 8) Psammoma bodies are seen in
  - a. Medulloblastoma
  - b. Glioblastoma multiforme
  - c. Ependymoma
  - d. Meningioma
- 9) Most common site for myeloma in heart is
  - a. Left ventricle
  - b. Right ventricle
  - c. Left atrium
  - d. Right atrium
- 10) Dystrophin gene mutation leads to
  - a. Duchenne Muscular Dystrophy
  - b. Amyotrophic lateral sclerosis
  - c. Multiple sclerosis
  - d. Myasthenia gravis
- 11) Plunging goiter is
  - a. Colloid goiter
  - b. Retro-sternal goiter
  - c. Medullary carcinoma
  - d. Sanitary module
- 12) Orphan Anni Nuclei is seen in which thyroid carcinoma
  - a. Anaplastic
  - b. Papillary
  - c. Follicular
  - d. Medullary

- 13) The tubercular bacilli mostly residents in apical lobe of lung. The reason is
- Both ventilation and perfusion / unit by volume is maximum at apex
  - Ventilation perfusion ratio is maximum at the base of lung
  - Ventilation perfusion ratio is maximum at apical region
  - Both ventilation and perfusion is maximum at base of lung
- 14) Which protein is defective in dilated cardiomyopathy
- Tropomyosin
  - Dystrophin
  - Troponin
  - Myosin
- 15) Libman-Sack's endocarditis is found in
- SLE
  - Syphilis
  - Lymphoma
  - Rheumatic arthritis
- 16) Defective synthesis of fibrillin protein will leads to
- Marfan's syndrome
  - Osteogenesis imperfecta
  - Ehlers – Danlos syndrome
  - Loeys-Dietz syndrome
- 17) Micro albuminuria means daily excretion of which range of albumin
- 30- 300 mg/24 hours
  - 10 – 30 mg/ 24 hours
  - 300- 500 mg/24 hours
  - 500-1000 mg/24 hours
- 18) Collapse of lung is caused
- Bronchiectasis
  - Emphysema
  - Bronchitis
  - Atelectasis
- 19) All are component of Horner Syndrome except
- Corneal ulceration
  - Anhidrosis
  - Ptosis
  - Miosis
- 20) Reid index is increased in
- Pneumonia
  - Asthma
  - Emphysema
  - Chronic Bronchitis

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M.B.B.S. DEGREE EXAMINATION – FEBRUARY, 2022

SECOND M.B.B.S. EXAMINATION

**PATHOLOGY- PAPER-II (Set – C)**

(Multiple Choice Questions)

Time : 20 Minutes

Max. Marks: 20

Note : Answer all questions

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**SECTION-I (MCQs- 20 MARKS)**

1x20=20

- 1) All are true about Dandy Walker Syndrome except
  - a. Small vermis
  - b. Agenesis of corpus callosum
  - c. Dilated 4<sup>th</sup> ventricle
  - d. Hydrocephalus
- 2) BRCA1 gene is located on chromosome
  - a. 17
  - b. 22
  - c. 13
  - d. 11
- 3) Tau protein is associated with
  - a. Alzheimer's disease
  - b. Amyotrophic lateral sclerosis
  - c. Prion disease
  - d. Parkinson disease
- 4) A lady presented with abdominal mass. On surgery she was found to have bilateral ovarian masses with smooth surface. On microscopy they revealed mucin secreting cells with signet ring shape. What is the most likely diagnosis
  - a. Dermoid cyst
  - b. Krukenberg tumors
  - c. Dysgerminoma
  - d. Mucinous adenocarcinoma of ovaries
- 5) Delta Cells of pancreas secrete
  - a. Somatostatin
  - b. Amylin
  - c. Insulin
  - d. Glucagon
- 6) Psammoma bodies are seen in
  - a. Medulloblastoma
  - b. Glioblastoma multiforme
  - c. Ependymoma
  - d. Meningioma

Contd ... 2

- 7) The common cause of painless thyroid is
  - a. Subacute granulomatous thyroiditis
  - b. Grave's thyroiditis
  - c. Hashimoto's thyroiditis
  - d. Riedel's thyroiditis
- 8) PRWRI includes
  - a. Prions
  - b. Only DNA
  - c. DNA and RNA
  - d. Only RNA
- 9) Dystrophin gene mutation leads to
  - a. Amyotrophic lateral sclerosis
  - b. Multiple sclerosis
  - c. Myasthenia gravis
  - d. Duchenne Muscular Dystrophy
- 10) Orphan Annie Nuclei is seen in which thyroid carcinoma
  - a. Papillary
  - b. Follicular
  - c. Medullary
  - d. Anaplastic
- 11) Most common site for myeloma in heart is
  - a. Right ventricle
  - b. Left atrium
  - c. Right atrium
  - d. Left ventricle
- 12) Plunging goiter is
  - a. Retro-sternal goiter
  - b. Medullary carcinoma
  - c. Sanitary module
  - d. Colloid goiter
- 13) Which protein is defective in dilated cardiomyopathy
  - a. Troponin
  - b. Myosin
  - c. Tropomyosin
  - d. Dystrophin



- 14) Defective synthesis of fibrillin protein will leads to
- Marfan's syndrome
  - Osteogenesis imperfecta
  - Ehlers – Danlos syndrome
  - Loeys-Dietz syndrome
- 15) The tubercular bacilli mostly residents in apical lobe of lung. The reason is
- Both ventilation and perfusion is maximum at base of lung
  - Ventilation perfusion ratio is maximum at the base of lung
  - Both ventilation and perfusion / unit by volume is maximum at apex
  - Ventilation perfusion ratio is maximum at apical region
- 16) Libman-Sack's endocarditis is found in
- Lymphoma
  - Rheumatic arthritis
  - SLE
  - Syphilis
- 17) Collapse of lung is caused
- Emphysema
  - Bronchitis
  - Atelectasis
  - Bronchiectasis
- 18) Reid index is increased in
- Chronic Bronchitis
  - Pneumonia
  - Asthma
  - Emphysema
- 19) Micro albuminuria means daily excretion of which range of albumin
- 30- 300 mg/24 hours
  - 10 – 30 mg/ 24 hours
  - 300- 500 mg/24 hours
  - 500-1000 mg/24 hours
- 20) All are component of Horner Syndrome except
- Anhidrosis
  - Ptosis
  - Miosis
  - Corneal ulceration

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SECOND M.B.B.S. EXAMINATION  
**PATHOLOGY- PAPER-II (Set – D)**  
(Multiple Choice Questions)

Time : 20 Minutes

Max. Marks: 20

Note : Answer all questions

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**SECTION-I (MCQs- 20 MARKS)**

1x20=20

- 1) A lady presented with abdominal mass. On surgery she was found to have bilateral ovarian masses with smooth surface. On microscopy they revealed mucin secreting cells with signet ring shape. What is the most likely diagnosis
  - a. Krukenberg tumors
  - b. Dysgerminoma
  - c. Mucinous adenocarcinoma of ovaries
  - d. Dermoid cyst
- 2) Tau protein is associated with
  - a. Amyotrophic lateral sclerosis
  - b. Prion disease
  - c. Parkinson disease
  - d. Alzheimer's disease
- 3) BRCA1 gene is located on chromosome
  - a. 22
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- 4) All are true about Dandy Walker Syndrome except
  - a. Agenesis of corpus callosum
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  - c. Hydrocephalus
  - d. Small vermis
- 5) PRWRI includes
  - a. Only DNA
  - b. DNA and RNA
  - c. Only RNA
  - d. Prions
- 6) The common cause of painless thyroid is
  - a. Grave's thyroiditis
  - b. Hashimoto's thyroiditis
  - c. Riedel's thyroiditis
  - d. Subacute granulomatous thyroiditis

Contd ... 2

- 7) Psammoma bodies are seen in
  - a. Glioblastoma multiforme
  - b. Ependymoma
  - c. Meningioma
  - d. Medulloblastoma
- 8) Delta Cells of pancreas secrete
  - a. Amylin
  - b. Insulin
  - c. Glucagon
  - d. Somatostatin
- 9) Plunging goiter is
  - a. Medullary carcinoma
  - b. Solitary nodule
  - c. Colloid goiter
  - d. Retro-sternal goiter
- 10) Most common site for myeloma in heart is
  - a. Left atrium
  - b. Right atrium
  - c. Left ventricle
  - d. Right ventricle
- 11) Orphan Annie Nuclei is seen in which thyroid carcinoma
  - a. Follicular
  - b. Medullary
  - c. Anaplastic
  - d. Papillary
- 12) Dystrophin gene mutation leads to
  - a. Multiple sclerosis
  - b. Myasthenia gravis
  - c. Duchenne Muscular Dystrophy
  - d. Amyotrophic lateral sclerosis
- 13) Libman-Sack's endocarditis is found in
  - a. Lymphoma
  - b. Rheumatic arthritis
  - c. SLE
  - d. Syphilis

- 14) The tubercular bacilli mostly residents in apical lobe of lung. The reason is
- Ventilation perfusion ratio is maximum at the base of lung
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- 20) Collapse of lung is caused
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