

Total No. of Questions - 40]

[Total No. of Printed Pages-8

M.B.B.S. II Professional Examination

MB-II/12(R)

234101

Pathology

Paper-II

(New Course)

Time Allowed: 3 Hours

Maximum Marks: 100

Illustrate Your answers with suitable diagrams wherever required.

SECTION-A

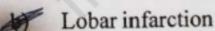
(Multiple Choice Questions)

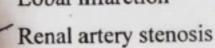
 $(20 \times 1 = 20)$

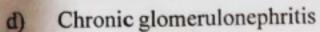
1. Unilateral contracted smooth kidney is seen in

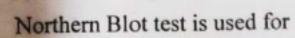
a) Reflux nephropathy.



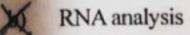


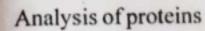












d) Enzyme analysis

[Turn Over



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3. Most commonly used Fixative in Histopathology is



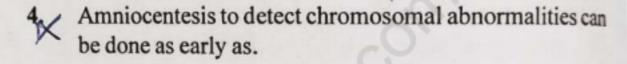
Ethyl alcohol



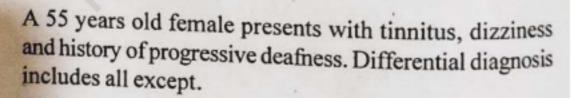


Buffered Neutral 10 % formalin

- c) Glutaraldehyde
- d) Bouin's solution



- a) 14th week of gestation
- b) 18th week of gestation
- 22nd week of gestation
- d) 26th week of gestation



- a) Acoustic neuroma
- b) Endolymphatic hydrops
- c) Meningioma
- Histiocytosis





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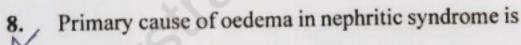
Which of the following usually produce osteoblastic secondaries?

- a) Carcinoma lung
- by Carcinoma breast
- c) Carcinoma urinary bladder
- d) Carcinoma prostatic
- 7. Marker for Rhabdomyosarcoma is



Desmin

- b) Synaptophysin
- c) Keratin
 - d) Inhibin



- a) Na and H₂O retention
- b) Increased venous pressure



Protein loss

d) Hyperlipidemia



Microalbuminuria is defined as

- a) 0.3-0.5 gm of 24 hrs urinary protein
- <0.03 gm of 24 hrs protein
 - c) 0.03-0.3 gm of 24 hrs urinary protein
- >2.5 gm 24 hrs urine proteins

Turn Over





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- 10. Sample for blood glucose estimation while sending in
 - a) Sodium Flouride
 - b) Citrate
 - SY EDTA
 - d) Heparin
- 11 Cytological examination of pleural effusion in a 60 years old man revealed the presence of malignant cells. The most likely primary tumor will be.

No.

- a) Lymphoma
- b) Cancer breast
- c) Cancer colon
- Lung cancer
- 12. The tissue of origin of Kaposi's sarcoma is
 - a) Lymphoid
 - Vascular
 - c) Neural
 - d) Muscular
- 13. Which of the following is known as guardian of the genome?
 - a) P53
 - b) B mdm2
 - c) CP 14



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13. Which of the following is known as guardian of the genome?

- P53
 - b) B mdm2
 - c) CP 14
 - d) AIN



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	(5)	MB-II/12(R)-234101
14. Mi	chaelis Gutmann Bodies are s	
(X a)	Xanthogranulomatous pyelonephritis	
(b)	Malakoplakia	
c)	Nail patella syndrome	\sim
D	Urinary bladder tumour	. ~
15. Pro	otein product of HPV 16 is:	
K a)	E2	
bF	E5	G
c)	E6	K
d)	E7	
	hich of the following are pred l infarct.	ominant cells in 48 hrs
a	Neutrophils	
b)	Plasma cells	
c)	Histiocytes	
d)	Fibroblasts	
17. Tar	rgeted therapy against which one used in treatment of lung canc	of the following targets er.
A	BRAF	
b)	P1K3CA	
c)	EGFR	

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18. Linitis plastica is a form of

- a) Gastric carcinoma
 - b) Chronic atrophic gastritis
 - c) Peptic ulcers
 - d) Achalasia cardia

19. Bilirubin in urine will be found in which of the following condition

- a) Criggler-Najjar syndrome
- b) Gilbert's syndrome
- Dubin Johnson Syndrome
 - d) Sickle Cell Disease

20. Higher incidence of lymphoma is seen in the following condition.

- a) Grave's disease
- Hashimoto's thyroiditis
- c) Nodular goiter
- d) Reidel's thyroiditis

SECTION-B

(Very short Answers)

 $(5 \times 2 = 10)$

Enumerate gross features of Bronchiectasis.

Enumerate lesions of Diabetic Nephropathy 2



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Name two methods of diagnosis of Helicobacter pylori.



What is triple negative breast cancer.



Name one special stain and one IHC marker to confirm presence of melanin pigment.

SECTION-C

(Short Answers)

 $(10 \times 3 = 30)$



Give classification of Salivary gland tumors. \



Write short notes on Retinoblastoma. 24



Give contrasting features of lobar pneumonia and bronchopneumonia.



Differentiate between Crohn's Disease and Ulcerative colitis.



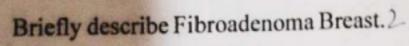
Short note on serological markers in case of viral hepatitis.

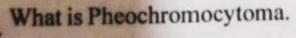


Give salient features of Chronic Pyelonephritis. 22



Write WHO classification of testicular tumors (2016).







Elaborate on Osteosarcoma.



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SECTION-D

(Long Answers)

 $(5 \times 8 = 40)$

1.

Discuss pathogenesis and pathology of Atherosclerosis.



Give contrasting features of Transmural and subendocardial infarct.

2.

Give an account of Asbestos related disease in humans.



Differentiate between Tubercular and Typhoid ulcers of small intestine.



Briefly discuss Liver function tests. 2-



Describe Polycystic kidney disease. 2

Discuss Carcinoma Prostate with special reference to Gleason's Grading system.



Describe Leiomyomas and Adenomyosis. \

Describe lesions of Diabetic Retinopathy. 3

Give CSF findings in different types of meningitis.



