Online Examinations (Even Sem/Part-I/Part-II Examinations 2020 - 2021

Course Name - - Applied Histology Course Code - BMLT402

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8.

Mark only one oval.		
Diploma in Pharmacy		
Bachelor of Pharmacy		
B.TECH.(CSE)		
B.TECH.(ECE)		
BCA		
B.SC.(CS)		
B.SC.(BT)		
B.SC.(ANCS)		
B.SC.(HN)		
B.Sc.(MM)		
B.A.(MW)		
ВВА		
B.COM		
B.A.(JMC)		
BBA(HM)		
BBA(LLB)		
B.OPTOMETRY		
B.SC.(MB)		
B.SC.(MLT)		
B.SC.(MRIT)		
B.SC.(PA)		
LLB		
B.SC(IT)-AI		
B.SC.(MSJ)		
Bachelor of Physiotherapy		
B.SC.(AM)		
Dip.CSE		
Dip.ECE		
<u>DIP.EE</u>		
DIP.CE		

9.

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<u>DIP.ME</u>		
PGDHM		
MBA		
M.SC.(BT)		
M.TECH(CSE)		
LLM		
M.A.(JMC)		
M.A.(ENG)		
M.SC.(MATH)		
M.SC.(MB)		
MCA		
M.SC.(MSJ)		
M.SC.(AM)		
M.SC.CS)		
M.SC.(ANCS)		
M.SC.(MM)		
B.A.(Eng)		
Answer all the questions.	. Each question carry one mark.	
. 1. Iron Staining is done	by	
Mark only one oval.		
Prussian Blue reac	tion	
H & E Stain		
Nigrosine stain		
None of these		

10.	2. Congo-redH & E StainZ-N StainSarranine stain
	Mark only one oval.
	solving iterative relations
	analyzing loops
	solving recurrences
	calculating the time complexity of any code
11.	3. Common Stain for histopathology is
	Mark only one oval.
	Feulgel Stain
	H & E Stain
	leishman stain
	eosin nigrosin stain
12.	4. Tuberculosis bacilli in the section is stained by
	Mark only one oval.
	Z-N Stain
	H & E Stain
	Gram stain
	Eosin nigrosin stain

13.	5. Common fixative used in H.P Exam
	Mark only one oval.
	Formalin
	10%formol saline
	20% Alcohol
	Fomaldehyde
14.	6. Zenker's fluid is a
	Mark only one oval.
	Fixative
	Non-fixative
	Mordent
	Dye
15.	7. Microtome is used for preparation of
	Mark only one oval.
	Section
	Stain
	Slide preparation
	Section staining

8. DNA can be stained by
Mark only one oval.
Acid stain Leishman stain Feulgen Stain None of these
9. Differential stain between DNA & RNA can be done by Mark only one oval. Oil-red O Stain Leishman stain Eosin Stain Methyl green pyronin stain
10. Fat Stain can be done by Mark only one oval. Carbolfuchin Oil-red O Stain H & E Stain None of these

19.	11. Vital Stain is
	Mark only one oval.
	New Methylene Blue Leishman Stain New Eosin None of these
20.	12. Muscle can be stained by
	Mark only one oval.
	Masson Stain Giemsa Stain
	Methylene Blue
	Eosin
21.	13. Cell size can be determined by
	Mark only one oval.
	Morphometry
	Counting
	Histologically
	Observation

22.	14. Toluidine Blue is a
	Mark only one oval.
	Metachromatic Stain Routine Stain Acid fast stain None of these
23.	15. Which is not the aim of fixation?
	Mark only one oval.
	To prevent putrefaction Remove excess water from the tissue Prevent osmotic swelling Render the tissue suitable for subsequent staining
24.	16. Reticulin fibres are stained by Mark only one oval.
	Sweets & gordon reticulin stain H & E Stain Eosin None of these

25.	17. Adhesive used commonly in slide preparation is
	Mark only one oval.
	Meyer's Egg albumin Glycerine
	alcohol
	○ DPX
26.	18. Carbohydrates can be stained by
	Mark only one oval.
	PAS Stain
	H & E Stain
	H & E stain
	None of these
27.	19. Melanin can be stain by
	Mark only one oval.
	Masson fontana stain
	PAS Stain
	H & E Stain
	None of these

28.	20. Antibody is required for
	Mark only one oval.
	☐ IHC
	H & E Stain
	Acid fast stain
	None of these
29.	21. Melting temperature of wax in histology work
	Mark only one oval.
	55-58 degree C
	100 degree C
	40-45 degree C
	35-38 degree C
30.	22. Histopathlogy & Cytology both can be done by
50.	
	Mark only one oval.
	h & E Stain
	Toluidine Blue Stain
	PAS Stain
	None of these

31.	23. Elastic tissue stain can be done by
	Mark only one oval.
	Verhoeff Stain
	H & E Stain
	PAS Stain
	None of these
32.	24. Amyloid stain can be done by
	Mark only one oval.
	Pap stain
	H & E stain
	Congo red
	All of these
	All of these
33.	25. Hyaline can be stained by
	Mark only one oval.
	─ H & E
	Glycerol
	PAS stain
	None of these

34.	26. Electron microscope is generally
	Mark only one oval.
	2 types 3 types 4 types 5 types
35.	27. Sudan black 'B' method is used for staining
	Mark only one oval.
	Lipoprotein
	Protein
	Fat
	Carbohydrates
36.	28. Acidic mucin can be stained by
	Mark only one oval.
	Mucicarmine techniques
	Congo red
	Acetyledehyde
	None of these

37.	29. Lactophenol cotton blue stain is used to stain
	Mark only one oval.
	Fungus Bacteria Virus None of these
38.	30. Darkground illumination is employed for
	Mark only one oval.
	Spirochaetes Virus Bacteria None of these
39.	31. Modified Fouchet's technique is used for
	Mark only one oval.
	Bile pigments Bile salts Bile acids None of these

40.	32. Enzyme histochemistry is useful for
	Mark only one oval.
	Diagnostic purpose
	Prognosis
	Observation of tissue
	None of these
41.	33. Muscle biopsy material can be obtained by
	Mark only one oval.
	Open biopsy
	Needle biopsy
	Both Open biopsy and Needle biopsy
	None of these
42.	34. Muscle enzyme histochemistry can be done for
	Mark only one oval.
	Phosphate
	NADH
	NADPH
	None of these

43.	35. Histochemical technique for demonstration of protein is
	Mark only one oval.
	Biuret method
	Oxidase method
	Benedict test
	None of these
44.	36. Arginine reaction occur in
	Mark only one oval.
	Sakaguchi test
	Seliwanoff test
	Peptone test
	None of these
45.	37. Tryptophan reaction occur in
	Mark only one oval.
	Peptone test
	Biuret test
	Any amino acids
	Hopking's cole test

46.	38. Tyrosine reaction occurs in
	Mark only one oval.
	Millon's test Benedict's test
	Biuret test
	None of these
47.	39. Ellman's test is called
	Mark only one oval.
	Swyhydroxyl reaction
	Millon's test
	Shali's test
	None of these
48.	40. Swyhydroxyl reactionMillon's testShali's testNone of these
	Mark only one oval.
	Brain
	Lymph node
	Pancreas
	Kidney

49.	41. Seratonin is a derivative of
	Mark only one oval.
	Tryptophan Tyrosine
	Alanine
	Phenylalanine
50.	42. Xanthoproteic reaction is used to check the presence of
	Mark only one oval.
	Aromatic amino acid
	Aliphatic amino acid
	Basic Amino acids
	None of these
51.	43. High resolution of electron microscopy is due to use of
	Mark only one oval.
	Light
	Proton
	Electron
	None of these

52.	44. Schmorl's reaction is used for
	Mark only one oval.
	Melanin
	Protein
	Fat
	None of these
53.	45. Mycobacterium Leprae in the section can be stained by
	Mark only one oval.
	Z-N Stain
	H & E Stain
	Pap stain
	PAS stain
54.	46. In the museum specimen can be stored in
	Mark only one oval.
	Alcohol
	Nornal saline
	Acid solution
	Caisenling solutions

55 .	47. Museum is essential for
	Mark only one oval.
	Permanent exhibition of common specimen For staining For exhibition of living animals None of these
56.	48. Specimen can be stored in the museum
	Mark only one oval.
	As a whole Parts of the specimen Important parts of the specimen All of these
57.	49. Calcium can be stained by Mark only one oval.
	Von kossa stain Alcian blue stain Leishman stain Eosin stain

58.	50. Histologically size of the particle can be done by
	Mark only one oval.
	Photometry
	Micrometry
	Manual cutting
	Length study
59.	51. Vital stain is used to stain
	Mark only one oval.
	Living condition
	Non living condition
	Pigment
	None of these
60.	52. Special treatment is required for staining
	Mark only one oval.
	Epithelial tissue
	Skin
	Muscle
	Bone marrow

01.	53. Metachromatic stain include
	Mark only one oval.
	Toluidine blue H & E stain
	Only Eosin
	None of these
62.	54. 0.5 micron tetroxide is used in case of
	Mark only one oval.
	Electron microscopy
	Phase-contrast microscopy
	Optical microscopy
	None of these
63.	55. The resolving capacity in case of electron microscopy is more than
	Mark only one oval.
	10 nanometer
	200 nanometers
	10 micrometer
	same as an optical microscope

64.	56. Which of the following is used in electron microscope?
	Mark only one oval.
	electron beams
	magnetic fields
	light waves
	electron beams and magnetic fields
65.	57. Negative Staining is used for examining
	Mark only one oval.
	virus particles
	protein molecules
	bacterial flagella
	virus particles, protein molecules and bacterial flagella
66.	58. The periodontal ligament is composed chiefly of
	Mark only one oval.
	reticular fibers
	microfibrils
	collagen(ic) fibers
	oxytalan fibers

67.	59. The most common cell in connective tissue proper is the
	Mark only one oval.
	mast cell
	lymphocyte
	macrophage
	fibroblast
68.	60. Which one of the following glands would possess numerous demilunes?
	Mark only one oval.
	parotid
	posterior lingual
	von Ebner
	sublingual

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