

Online Examinations (Odd Sem/Part-I/Part-II Examinations 2021 - 2022)

Course Name - --Pathology

Course Code - BMRIT302

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Answer all the questions. Each question carry one mark.

10. 1. Pap smear of a 30 years old woman is found to have atypical cells suggestive of HPV infection. Which of the following abnormalities describes the characteristic cytologic feature caused by HPV infection in Pap smear?

Mark only one oval.

- Acanthosis
- Parakeratosis
- Hyperkeratosis
- Koilocytosis

11. 2. Xeroderma pigmentosum is characterized by the following features except:

Mark only one oval.

- Autosomal recessive inheritance
- Inability to repair sunlight-induced damage to DNA
- Proneness to develop various skin cancers
- Irregular accumulation of melanin in the basal layer

12. 3. Most frequently and severely involved joints in rheumatoid arthritis are:

Mark only one oval.

- Knees
- Elbows
- Interphalangeal
- Sacroiliac

13. 4. Osteoarthritis has the following pathologic changes except:

Mark only one oval.

- Progressive loss of cartilaginous matrix
- Increased osteoclastic activity
- Osteophyte formation at the joint margin
- Atrophy of synovium

14. 5. Abdominal fat aspiration is done for the diagnosis of:

Mark only one oval.

- Obesity
- Amyloidosis
- Metastatic cancer
- Multiple myeloma

15. 6. CSF cytology is not useful for the diagnosis of

Mark only one oval.

- Leukaemia
- Medulloblastoma
- Ependymoma
- Meningioma

16. 7. Haematoxylin and eosin staining is employed as cytologic stain for:

Mark only one oval.

- Wet-fixed smears
- Air-dried smears
- All FNAC smears
- All cases of crush smear only

17. 8. Pap smear is based method for diagnosis of

Mark only one oval.

- Cervical cancer
- Peptic ulcer
- Hepatitis B
- COPD

18. 9. What is occult blood?

Mark only one oval.

- Bleeding in urine
- Presence of blood in sputam
- Hidden blood in stool
- Bleeding through stool

19. 10. Each of the following agents is a recognized cause of diarrhea except

Mark only one oval.

- Clostridium perfringens
- Vibrio cholerae
- Enterococcus faecalis
- Escherichia coli

20. 11. Each of the following organisms is an important cause of urinary tract infections except:

Mark only one oval.

- Klebsiella pneumoniae
- Escherichia coli
- Bacteriodes fragilis
- Proteus mirabilis

21. 12. Which ONE of the following does not impair healing of a wound?

Mark only one oval.

- Deficiency of galactosamine
- Deficiency of vitamin C.
- Good vascular supply.
- Tissue hypoxia.

22. 13. Which ONE of the following is not an endogenous mediator of increased vascular

Mark only one oval.

- Angiotensin
- Kallikrein
- Prostaglandin E2
- C3a and C5a

23. 14. If the following features of the acute inflammatory reaction were placed in

Mark only one oval.

- Arteriolar contraction.
- Blood flow slow
- Dilatation of arterioles.
- Emigration of leucocytes from blood vessels.

24. 15. Which ONE of the following is not a useful effect of acute inflammation?

Mark only one oval.

- Dilution of toxins
- Formation of fibrin.
- Phagocytosis
- Swelling of tissues

25. 16. Which ONE of the following is not an acceptable characteristic of a granuloma.

Mark only one oval.

- Composed of altered macrophages.
- Composed of epithelioid cells
- Composed of polymorphonuclear leucocytes, cellular debris and fibrin
- Composed of a mixture of chronic inflammatory cells.

26. 17. If the following events were placed in their most probable order of occurrence

Mark only one oval.

- Wound edges united by collagen
- Loss of vascularity of fibrous scar.
- Blood clot formation
- Migration of epithelial cells from wound edges.

27. 18. If the following events in the healing of an open wound were in their most

Mark only one oval.

- Myofibroblast contraction
- Epithelial proliferation
- Orientation of fibroblasts parallel to the capillary buds.
- Emigration of polymorphonuclear leucocytes and macrophages.

28. 19. Splenomegaly is commonly found in

Mark only one oval.

- Malaria
- fever
- None of these
- All of these

29. 20. Leukemia is

Mark only one oval.

- Blood cancer
- Infection
- Inflammation
- All of these

30. 21. Anemia is due to

Mark only one oval.

- Low hemoglobin
- High hemoglobin
- Low level of WBCs
- None of these

31. 22. Leucocytosis is called when WBC count is

Mark only one oval.

- Above 11,000
- Below 5000
- 1000
- None of these

32. 23. Common cause of obstructive jaundice is

Mark only one oval.

- Stone in the bile duct
- Stone in the kidney
- Infection
- None of these

33. 24. Diabetes is diagnosed by measuring

Mark only one oval.

- Fasting glucose
- PP- glucose
- None of these
- Both of these

34. 25. Complication of diabetes

Mark only one oval.

- Retinal involvement
- Infection
- Kidney disorder
- All of these

35. 26. Rheumatic fever is caused by

Mark only one oval.

- E. coli
- Streptococcus pyogenes
- TB
- None of these

36. 27. Encephalitis is the infection of

Mark only one oval.

- Meninges
- Brain
- Kidney
- Renal system

37. 28. Lung cancer can be diagnosed by

Mark only one oval.

- X-ray
- MRI
- CT scan
- All of these

38. 29. Which ONE of the following is not a feature of interferons?

Mark only one oval.

- Imparts resistance to virus infection.
- Species specific cellular protein
- Inhibits virtually all viruses
- Virus specific antiviral effect

39. 30. Which one of the following is the best definition of gangrene?

Mark only one oval.

- Digestion of dead tissue by saprophytic bacteria.
- Digestion of living tissue by saprophytic
- Necrosis of tissue caused by bacterial toxins
- Necrosis of tissue caused by ischaemia

40. 31. Which ONE of the following is not associated with thrombosis?

Mark only one oval.

- Activation of the coagulation mechanism.
- Formation of platelet aggregates
- Endothelial damage.
- Thrombocytopenia

41. 32. Which ONE of the following is not a feature of amyloid?

Mark only one oval.

- Extracellular fibrillar material
- Intracellular protein
- Filaments of 75 nm diameter.
- Present initially in the wall of small blood vessels.

42. 33. For which ONE of the following tumours is there a definite genetic basis in a

Mark only one oval.

- Bronchial carcinoma.
- Vaginal carcinoma
- Cervical carcinoma
- Colonic carcinoma

43. 34. Which ONE of the following is not associated with Epstein bar virus infection?

Mark only one oval.

- Burkitt's lymphoma.
- Infectious mononucleosis.
- Carcinoma of the cervix uteri.
- None of these

44. 35. Which ONE of the following is not involved in the aetiology of systemic

Mark only one oval.

- Arteriolosclerosis
- Raised sodium intake.
- Chronic glomerulonephritis.
- None of these

45. 36. Which ONE of the following is not a histological feature of chronic bronchitis?

Mark only one oval.

- Calcification of bronchial cartilages.
- Goblet cell metaplasia.
- Hypertrophy of smooth muscle
- Mucous gland hyperplasia

46. 37. Gross splenomegaly is a striking feature of which ONE of the following?

Mark only one oval.

- Acute lymphoblastic leukaemia
- Acute granulocytic anaemia
- Acute monoblastic leukaemia
- None of these

47. 38. Which ONE of the following is the commonest neoplastic cause of enlargement

Mark only one oval.

- Chronic lymphatic leukaemia.
- Follicular lymphoma
- Secondary carcinoma.
- None of these

48. 39. In which ONE of the following conditions is fatty change of the liver not a

Mark only one oval.

- Kwashiorkor
- Obesity
- Pernicious anaemia
- Viral hepatitis

49. 40. Which ONE of the following forms a cystic tumour mass in the cerebellum in

Mark only one oval.

- Ependymoma
 Haemangioblastoma
 Astrocytoma
 Medulloblastoma

50. 41. Programmed cell death is

Mark only one oval.

- Necrosis
 Apoptosis
 None of these
 Both of these

51. 42. Increase in size of organ due to increase in cell size is

Mark only one oval.

- Hypertrophy
 Hyperplasia
 None of these
 Both of these

52. 43. Acute phase protein is

Mark only one oval.

- CRP
 Vit. B
 None of these
 Both of these

53. 44. Hypersensitivity reaction in type-I is due to

Mark only one oval.

- IgE
- IgH
- None of these
- Both of these

54. 45. Delayed hypersensitivity reaction is also called

Mark only one oval.

- Type IV
- Type III
- None of these
- Both of these

55. 46. Blood cancer is called as

Mark only one oval.

- Leukemia
- Leukocytosis
- None of these
- Both of these

56. 47. Most common cause of splenomegaly is

Mark only one oval.

- Kala-azar
- anemia
- None of these
- Both of these

57. 48. Increased cause of leukocyte is

Mark only one oval.

- Leukocytosis
- Leucopenia
- None of these
- Both of these

58. 49. Obstructive jaundice is caused by

Mark only one oval.

- Gallstone
- hepatitis
- None of these
- Both of these

59. 50. Increased blood glucose is caused

Mark only one oval.

- Diabetes mellitus
- Asthma
- None of these
- Both of these

60. 51. Type of diabetes is

Mark only one oval.

- Type I
- Type li
- None of these
- Both of these

61. 52. Diabetic complication include

Mark only one oval.

- Cataract
- Heart failure
- Kidney failure
- All of these

62. 53. Increased blood pressure is called as

Mark only one oval.

- Hypertension
- Hypotension
- None of these
- Both of these

63. 54. Common type of lung caused by

Mark only one oval.

- Adenocarcinoma
- Verrucous carcinoma
- None of these
- Both of these

64. 55. Lung cancer is commonly caused by

Mark only one oval.

- Smoking
- Alcohol
- None of these
- Both of these

65. 56. Atherosclerosis is an important cause of

Mark only one oval.

- Heart attack
- Lung failure
- None of these
- Both of these

66. 57. Trop-T test is for diagnosis of

Mark only one oval.

- Myocardial infarction
- Lung infection
- None of these
- Both of these

67. 58. Complete resolution occurs in

Mark only one oval.

- Lobar pneumonia
- Bronchopneumonia
- None of these
- Both of these

68. 59. Meningitis is

Mark only one oval.

- Leptomeningitis
- Pachymeningitis
- None of these
- Both of these

69. 60. Alkaline phosphatase is increased in

Mark only one oval.

- Obstructive jaundice
 - Fever
 - None of these
 - Both of these
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