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

Course Name - - Human Anatomy and Physiology Course Code - BMLT201

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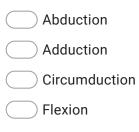
Answer all the questions. Each question carry one mark.

9. 1. Which plane splits the body into lateral halves *

- Coronal Sagittal
- Transverse
- Frontal

10. 2. If movement away from the medial plane occurs frontaly is called *

Mark only one oval.



 3. If rotation of hand takes place; bring thumb towards midline; plam facing back transversially *

Mark only one oval.

- Pronation
- Supination
- Adduction
- Abduction
- 12. 4. Name the tissues that are involved in the formation of tissue membranes. *

- Epithelial tissue
- Connective tissue
- 🔵 Nervous tissue
- Muscular tissue

13. 5. Which of the following does not belong to the class of covering and lining epithelium? *

Mark only one oval.

- Simple squamous epithelium
- Simple columnar
- Glandular epithelium
- Simple cuboidal
- 6. Which of the following does not come under the category of loose connective tissue? *

Mark only one oval.

Areolar tissue

- Reticular connective tissue
- Elastic connective tissue
- Adipose tissue
- 15. 7. Vital stain is used to detect the following cell: *

- 📃 Reticular cell
- 📃 Plasma cell
- Macrophage cell
- Mast cells

16. 8. Which of the following structure is not covered by epithelial tissue :- *

Mark only one oval.

Skin

- Digestive gland
- Blood vessels
- 🔵 Cartilage
- 17. 9.Which type of epithelium is present in the inner lining of large bronchi :- *

Mark only one oval.

- Squamous epithelium
- Pseudo stratified epithelium
- Cuboidal epithelium
- Columnar epithelium
- 18. 10. Matrix of bone is composed of protein called *

Mark only one oval.

Myosin

- Ossein
- 🔵 Elastin
- Actin

19. 11. Out of the following, which is a major secretory layer of the GI tract? *

Mark only one oval.

Mucosa
 Submucosa
 Muscularis
 Serosa

20. 12. Which of the following is NOT the salivary protein? *

Mark only one oval.

\square	Lysozyme
\square	Mucus
\square) Phosphatase
\square	Amylase

21. 13. Part of bile juice useful in digestion is _____*

- Bile pigments
- Bile salts
- Bile matrix
- Bile solution

22. 14. Fat absorption takes place in *

Mark only one oval.

Liver Ileum Small Intestine

Jejunam

23. 15. Which of the following digestive juices has the minimum pH value? *

Mark only one oval.

- Oral cavity Oesophagus Stomach
- 🔵 lleum
- 24. 16. Salivary Alpha Amylase breaks *

- Hydrolyzes alpha 1:4 glycosydic linkage
- Beta 1:6 glycosydic linkage
- alpha 1:6 glycosydic linkage
- peptide bonds

25. 17. Trypsin is activated by *

Mark only one oval.

CI
HCI
Enteropeptidase
Pepsin

26. 18. Elastase acts on *

Mark only one oval.

carboxyl sides of aromatic amino acids

carboxyl sides of aliphatic amino acids

carboxyl sides of neutral amino acids

- carboxyl sides of basic amino acids
- 27. 19. Carboxypeptidase B acts on *

- Cleaves bonds near the carboxy terminal sides of basic amino acids
- cleave peptide bonds adjacent to aromatic amino acids
- bonds mid portion of peptide
- carboxyl sides of neutral amino acids

28. 20. Endopeptidase breaks *

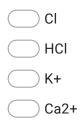
Mark only one oval.

- C cleaves bonds near the carboxy terminal sides of basic amino acids
- cleave peptide bonds on carboxyl side of aromatic amino acids
- carboxyl sides of basic amino acids
- bonds mid portion of peptide
- 29. 21. Activator of colipase is *

Mark only one oval.



- Pepsin
- 30. 22. Pepsin is activated by *



31. 23. Trypsin breaks *

Mark only one oval.

- cleave peptide bonds on carboxyl side of aromatic amino acids
- Cleaves bonds near the carboxy terminal sides of basic amino acids
- bonds mid portion of peptide
- peptide bonds on carboxyl side of basic amino acids
- 32. 24. Pulmonary ventilation movements are due to *

Mark only one oval.

- 🔵 Diaphragm
- Wall of lungs
- Costal muscles and diaphragm
- Costal muscles
- 33. 25. Hypoxia occurs due to *

- Rise in level of CO2
- Fall in level of CO2
- Rise in level of O2
- Fall in level of O2

34. 26. The muscles take part in rapid breathing-*

Mark only one oval.

- Muscles of rib cage
- Muscles of neck region and abdominal region
- Thoracic and abdominal muscles
- Muscles of neck region and thoracic region.
- 35. 27. This disease is due to allergens *

Mark only one oval.

- ____ Emphysema
- Bronchitis
- Pneumonia
- Asthma
- 36. 28. The outermost layer of the skin is called? *

- Stratum lucidum
- Stratum cornium
- 🔵 Stratum germi
- 🔵 Stratum spinosum

37. 29. Hair are not present in following areas except: *

Mark only one oval.

Palm

- Sole
- Dorsal surface of distal phalanges
- Dorsal surface of middle phalanges
- 38. 30. Which one of the following pair of organs includes only the endocrine glands? *

Mark only one oval.

- Thymus and testes
- Adrenal and ovary
- Pancreas and parathyroid
- Adrenal and parathyroid
- 39. 31. Toxic agents present in food which interfere with thyroxine synthesis lead to the development of _____*

- Toxic goitre
- Cretinism
- Simple goitre
- Thyrotoxicosis

40. 32. All of the following are hormones of the anterior pituitary except: *

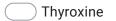
Mark only one oval.

Human growth hormone (GH)

- Follicle-stimulating hormone (FSH)
- Parathyroid hormone(PTH)
- Thyroid-stimulating hormone (TSH)
- 41. 33. Which of the following hormones are responsible for the "fight-or-flight" response? *

Mark only one oval.

- Epinephrine and norepinephrine
- Insulin and glucagon
- Esrtogen and progesterone
- Thyroxin and melatonin
- 42. 34. Which hormone increases blood calcium level? *



- Thyrocalcitonin
- **PTH**
- Parathyrooid

43. 35. Which disease occurs due to less secretion of mineralocorticoids? *

Mark only one oval.

Addison's disease
 Cretinism
 Myxodema
 Cushing diseases

44. 36. Which hormone regulate 24-hr rhythm of our body? *

Mark only one oval.

\bigcirc	Somatotropic
\bigcirc	LTH
\bigcirc	Melatonin
\bigcirc	T4 and T3

45. 37. Mark the mismatch pair: *

- Henle's loop concentration of urine
- DCT Absorption of glucose
- PCT Absorption of sodium and potassium ions
- Bowman's capsule Glomerular filtration

46. 38. Glomerular filtration rate would be increased by : *

Mark only one oval.

- constriction of the afferent arteriole
- _____ a decrease in afferent arteriolar pressure
- compression of the renal capsule
- a decrease in the concentration of plasma protein
- 47. 39. When a person is dehydrated, hypotonic fluid will be found in the: *

Mark only one oval.

- 🔵 glomerular filtrate
- proximal tubule
- 🔵 loop of Henle
- ____ distal convoluted tubule
- 48. 40. The effect of antidiuretic hormone (ADH) on the kidney is to : *

- increase the permeability of the distal nephron to water.
- increase the excretion of Na+



- increase the excretion of water
- increase the diameter of the renal artery .

49. 41. Glucose reabosorption occurs due to *

Mark only one oval.

- Proximal tubule, cotransport
- Distal tubule, passive transport
- Proximal tubule, osmosis
- Distal tubule, active transport
- 50. 42. The normal value of GFR is- *

Mark only one oval.

- 180 ml/Day
- 125 ml/min
- _____ 140 ml/min
- 100 ml/min
- 51. 43. Excretion of dilute urine requires *

- _____ relative permeability of the distal tubule to water
- _____ the presence of ADH
 - impermeability of the collecting tubule to water
- In absence of ADH

52. 44. One of the following organs does not have sinusoids *

Mark only one oval.

\bigcirc	Parotid gland
\bigcirc	Spleen
\bigcirc	Liver
\bigcirc	Bone marrow

53. 45. Which is the thickest layer in the arteries? *

Mark only one oval.

- 🔵 Tunica intima
- 🔵 Tunica media
- 🔵 Tunica adventitia
- All layers of equal thickness
- 54. 46. Thymus has following features except: *

- Lies in superior and anterior mediastinum
- T- lymphocytes are cytotoxic, helper and memory cells.
- Secretes thymosin
- Filters blood to get rid of antigens.

55. 47. QRS wave in ECG represents *

Mark only one oval.

Auricular systole

End of ventricular systole

ventricular diastole

- ventricular systole
- 56. 48. Which cell Play an important role in allergic reaction by *

Mark only one oval.

- Neutrophils
 Monocytes
- Lymphocytes
- Basophils
- 57. 49. The first bone to start ossifying is *

Mark only one oval.

Mandible

🔵 Femur

Clavicle

Humerus

58. 50. Synovial membrane lines or encloses all structures except *

Mark only one oval.

Articular cartilage

Inner aspect of the capsule

Intracapsular tendons

- Intracapsular parts of the articulating bones
- 59. 51. The following muscle is NOT responsible for hip flexion: *

Mark only one oval.

- iliopsoas pectineus
- _____ sartorius
- 🔵 vastus lateralis
- 60. 52. Joint of femur with pelvic girdle is *

- Ball and socket
- Pivot
- Saddle
- 🔵 Hinge

61. 53. Mention the name of the joint present between epiphysis and diaphysis *

Mark only one oval.

fibrous
Primary cartilaginous
Secondary cartilaginous
Synovial

62. 54. Human Cranium has _____ bones? *

Mark only one oval.

- 12
 7
 8
 9
- 63. 55. Name of the tongue bone is ______*

- Frontal bone
- Zygomatic bone
- Hyoid bone
- Mandible

64. 56. Choose the correct vertebral formula of vertebral column of human being. *

Mark only one oval.

- C7 Th13 L4 S5 Co4
- C7 Th12 L5 S5 Co1
- C7 Th13 L5 S5 Co4
- 65. 57. Longest ligament around the hip joint is *

Mark only one oval.

- Iliofemoral
- Ischiofemoral
- Ligamentous teres
- Pubofemoral
- 66. 58. Which is not a fibrous joint? *

- _____ sutures
- Gomphosis
- 🔵 Xiphisternal
- 🔵 Inferior tibiofibular

67. 59. By which bone half part of the pectoral girdle is made?*

Mark only one oval.

Clavicle Scapula Scapula and clavicle Sternum

68. 60.What type of contraction is characterized by a rapid, jerky response to a single stimulus? *

Mark only one oval.

- Summation
- _____ Treppe
- Tonic
- _____ Twitch

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