EPITHELIAL TISSUE

EXERCISE – I

1. Pseudostratified epithelium is present in :-
(1) Nephron & Neurone
(2) Larynx & Pharynx
(3) Trachea & Bronchi
(4) Urinary Bladder & Intestine

2. Transitional Epithelium is found in :-
(1) Renaql pelvis & Ureter
(2) Urinary bladder
(3) Upper part of male urethra
(4) All of above

3. Columnar Epithelium with micro villi or Brush Border is present in :-
(1) Gall Bladder (2) Stomach
(3) Appendix (4) Pharynx

4. Stratified squamous epithelium found in :-
(1) Tonsil (2) Payer's patch
(3) Appendix (4) Spleen

5. The internal lining of blood vessels is called as :-
(1) Mesothelium
(2) Endothelium
(3) Pavement Epithelium
(4) Stratified Epithelium

6. Epithelial lining of bartholins duct is composed of which type of cells :-
(1) Transitional (2) Cuboidal
(3) Columnar (4) squamous

7. Term tissue is coined by (for animal anatomy) :-
(1) Bichat (2) Mayer
(3) Malpighi (4) Hertwig

8. Non keratinized stratifies squamous epithelium is found in :-
(1) Skin (2) Stomach
(3) Oesophagus (4) Intestine

9. Epithelial lining of cornea is composed of
(1) Startified squamous nonkeratinised
(2) Transitional
(3) Simple cuboidal
(4) Simple squamous

10. Epithelial tissue origined from :-
(1) Ectoderm (2) Endoderm
(3) Mesoderm (4) All of above

11. Basement membrane is composed of
(1) Hyaluronic Acid + glycoproteins
(2) Only mucopoly sacharides
(3) Endodermal cells
(4) Epidermal cells

12. Inner lining of gut, stomach & liver is made up of :-
(1) Simple squamous
(2) Simple coboidal
(3) Simple columnar
(4) Pseudo stratified epithelium

13. Epithelial tissue with thin flat cells appearing like packed tiles occurs on **[AIPMT - 94]**
(1) Inner lining of intestine
(2) Inner lining of stomach
(3) Inner lining of fallopian tubes
(4) Outer surface of Intestine

14. Compound squamous epithelium occurs in :-
(1) Stomach (2) Phaynx
(3) Intestine (4) Trachea

15. Cells of Peritoneum comprise :-
(1) Ciliated Epithelium
(2) Glandular Epithelium
(3) Columnar Epithelium
(4) Squamous Epithelium

16. Ciliated Epithelium occurs in frog :-(1) Oviduct & Buccal cavity
(2) Stomach & urinary Bladder
(3) Blood vessels & Lymph vessels
(4) Kidney & stomach

17. Germinal Epithelium of ovary is formed of :-
(1) Columnar Epithelium
(2) Squamous Epithelium
(3) Cuboidal Epithelium
(4) Stratified Epithelium

18. Epidermis of skin of vertebrates comprises :-
(1) Simple Epithelium
(2) Stratified Epithelium
(3) Transitional Epithelium
(4) Columnar Epithelium

19. Inner lining of Blood vessels and teart is tessellated Epithelium. Which is :-
(1) Simple squamous due to wavy appearance
(2) Simple squamous due to like appearance
(3) Simple cuboidal due to wavy appearance
(4) Simple columnar Epithelium

20. Lining of larynx is :-
(1) Stratified ciliated columnar Epithelium
(2) Stratified squamous Epithelium
(3) Stratified cuboidal Epithelium
(4) Stratified columnar Epithelium

21. Germinal Epithelium is :-
(1) Modified cuboidal Epithelium produces gametes
(2) Modified squamous
(3) Modified Pigmented
(4) Sensory Epithelium

22. Olfactory Epithelium (Scheneidarian membrane) is composed of :-
(1) Neuro sensory Epithelium
(2) Simple sq. Epithelium
(3) Simple cuboidal
(4) Germinal Epithelium

23. Basement membrane is absent in :-
(1) Transitional Epithelium
(2) Sq. Epithelium
(3) Columnar Epithelium
(4) Simple cuboidal Epithelium

24. Stretchable & Water proof Epithelium :-
(1) Simple cuboida (2) Simple squamous
(3) Simple Columnal (4) Transitional

25. Mesothelium is :-
(1) Lining of coelom which originated from mesoderm
(2) Lining of coelom which originated from ectoderm
(3) Lining of heart which originated from Endoderm
(4) Lining of heart which originated from Mesoderm

26. Lining of brain ventricle & central canal of spinal cord is called as :-
(1) Ependyma (2) Endothelium
(3) Mesothelium (4) Neurosensory

27. Term Epithelium coined by :-
(1) Ruysch (2) Mayer
(3) Bichat (4) Marcellomalpighi

28. Exoskeleton originated form (Eg feathers, nail, horn, hoofs) :-
(1) Connective tissue proper
(2) Epithelium tissue
(3) Skeletal tissue
(4) Vascular tissue

29. Stereocilia present in :-
(1) Epididymis
(2) Seminalvesicle
(3) Ureter
(4) Kidney

30. Germinative layer of Keratinized st. sq. Epithelium :-
(1) Cuboidal (2) Squamous
(3) Pseudo stratified (4) Transitional

31. Mucus cell s (Goblet cells) :-
(1) Unicellular gland
(2) Multicellular glands
(3) Endocrine glands
(4) Parietal cells of gastric glands

32. Sweat glands are :-
(1) Merocrine (2) Endocrine
(3) Holocrine (4) None

33. Active Mammarys glands are :-
(1) Compound tubulo alveolar
(2) Compound tubular
(3) Compound Alveolar
(4) Simple alveolar

34. Sebacious glands are :-
(1) Compound tubuloveolar
(2) Compound tubular
(3) Compound alveolar
(4) Simple branched Alveolar

35. In structure Sweat glands are :-
(1) Simple Aveolar
(2) Simple tubular
(3) Simple coiled tubular
(4) Compound Alveolar

36. Conjuctive of eye lined by :-
(1) Stratified columnar
(2) Stratified coboidal
(3) Transitional
(4) Stratified ciliated columnar

37. Stratified cilialed columnar Epithelium found in
(1) Upper Part of oesophagus & Pharynx
(2) Male Urethra & Epiglottis
(3) Larynx & upper part of soft palate
(4) None

38. Ependyma is :-
(1) Ciliated pseudostra tified columnar
(2) Ciliated columnar
(3) Ciliated cubical epithelium
(4) Non Ciliated Columnar

39. Pigmented Epithelium is found in :-
(1) Iris (2) Retina
(3) Choroid (4) Cornea

40. Stratified squamous Epithelium :-
(1) Outer most layer squamous & Inner most is cuboidal
(2) Outer most layer cuboidal & Inner most is squamous
(3) Outer most layer columnar & Inner most is cuboidal
(4) Outer most layer cuboidal & Inner most is columnar

41. Lining of alveoli, Bowmans capsule or Descending limb of loop of henle called :-
(1) Pavement Epithelium
(2) Columnar Epithelium
(3) Cuboidal Epithelium
(4) Pseudo st. Epithelium

42. Lining of uterus (Endometrium) is :-
(1) St. squamous
(2) Simple squamous
(3) Ciliated columnar
(4) Ciliated Pseudostratified

43. In Transitional Epithelium :-
(1) Inner most layer is Cuboidal rest-on underlying connective tissue
(2) Inner most layer is Columnar rest-on underlying connective tissue
(3) Inner most layer is Pearshaped rest-on Basement membrane.
(4) Inner most layer is umbrella shaped rest on underlying Basement membrane.

44. Lining of sebaceous duct is composed of :-
(1) Cuboidal stratified Epithelium
(2) Statified squamous
(3) Simple columnar
(4) Simple sq.

45. Lining of parotid gland :-
(1) Simple columnar
(2) Startified cuboidal
(3) Columnar stratified Epithelium
(4) Transitional Epithelium

46. Desmosomes :-
(1) Connect the Epithelial cells
(2) Types of lysosomes
(3) Granules of muscle fibres
(4) Found in Bone

47. Choroid of eye lined by :-
(1) Cuboidal Epithelium
(2) Squamous Epithelium
(3) Ciliated Epithelium
(4) Columnar Epithelium

48. Ciliated Epithelium found in :-
(1) Oviduct (2) Trachea
(3) Uterus (4) All of above

49. Brush border Epithelium (Microvilli containing) found in :-
(1) PCT ` (2) Loop of henle
(3) Collecting duct
(4) Bowman's capsule

50. Epithelium of Retina & Thyoroid is made up of which type of cells :-;
(1) Sq. + Cuboidal
(2) Columnar + Cuboidal
(3) Columnar + squamous
(4) Only Cuboidal

51. Characteristic of simple epithelium is :-
(1) They are arranged in discrminately
(2) They make a definite layer
(3) Continue to devide and help in organ function
(4) None

52. Who is father of microsocopic anatomy :-
(1) Bichat (2) Reyush
(3) malpighi (4) Hartwig

53. Tessleted epithelium is present in :-
(1) Ependymal membrane
(2) Endothelium
(3) Shnederian membrane
(4) Alveoli of lungs

54. Basel membrane of epithelium tissue is composed of :-
(1) Lypoprotein
(2) Polypeptide
(3) Mucopolysaccharide
(4) Mucopolysaccharide and glycoprotein

55. Epithelium tissue is originated from which germinal layer :-
(1) Ectoderm (2) Mesoderm
(3) Endoderm (4) All the above

56. Germinal epithelium is composed of :-
(1) Cubodial epithelium
(2) Columner epithelium
(3) Squamous epithelium
(4) Glandular epithelium

57. Inner line of vegina is composed of :-
(1) Stratified ciliated columner epithelium
(2) Cubodial epithelium
(3) Simple squamous epithelium
(4) Stratified squamous epithelium

58. Secretory part of sweat gland is composwed of
(1) Cubodial epithelium
(2) Columner epithelium
(3) Pseudostratified epithelium
(4) Squamous epithelium

59. Ependymal epithelium is composed of :-
(1) Glandular epithelium
(2) Ciliated epithelium
(3) Pseudostratified
(4) Brush bordered cubodial epithelium

60. Glands of vertebrates are originated from :-
(1) Ectodermal (2) Endodermal
(3) Mesodermal (4) All the above

61. In human being coelom is covered by :-
(1) Ectoderm (2) Mesoderm
(3) Endoderm (4) Ectomesoderm

62. Inner lining of urinary bladder is composed of
(1) Columner epithelium
(2) Squamous epithelium
(3) Transitional epithelium
(4) Pseudostratified epithelium

63. Cutaneous gland of frog are :-
(1) Tubular
(2) Simple Alveolar
(3) Compounds alveound
(4) Compound tubular

64. Inner lining of blood vessel is composed of :-
(1) Pseudostratified Epi.
(2) Simple cubodial epi.
(3) Simple squamous epi.
(4) Ciliated columnar epi.

65. Gall bladder lined by :-
(1) Simple colimer epi.
(2) Strarified columner epi.
(3) Brush border columner epi.
(4) Brush border cuboidal epi.

66. Secretory duct to sweat gland is composed of
(1) Simple squamous epi.
(2) Stratified cuboidal epi.
(3) Stratified squamous epi.
(4)Ciliated epithelium

67. Which one is a apocrine gland :-
(1) Sebaceous gland (2) Mammary gland
(3) Goblet cell (4) Parotid gland

68. Inner lining of stomach, Rectum and Colon is made of :-
(1) Simple squamous epi.
(2) Simple cuboidal epi.
(3) Simple columner epi.
(4) Pseudostratified epi.

69. The term 'History' was coined by :-
(1) Malpighi (2) Bayer
(3) Hartwig (4) Mayer

70. Descending limb of loop of Henlay is made up of :-
(1) Cuboidal epi. (2) Columner epi.
(3) Squamous epi. (4) Glandular epi.

71. Gametes producing epithelium is :-
(1) Squamous (2) Cuboidal
(3) Columner
(4) Stereociliated columner

72. Which epithelium present in the conjuctiva of eye :-
(1) Simple columner
(2) Stratified squamous
(3) Stratified cuboidal
(4) Stratified columner

73. Inner lining of female urethra is made up of :-
(1) St. Squamous epi (2) St. Cuboidal epi
(3) St. columnar epi (4) Transitional epi

74. Ciliated epithelium is our body may be found in :-
(1) Trachea (2) Ureter
(3) Bile duct (4) Urethra

75. Epithelium is originated from :-
(1)Ectoderm (2) Endoderm
(3) Mesoderm (4) All the above

76. Secretory duct of mammary gland is composed of :-
(1) St. cuboidal epithelium
(2) St. columnar epithelium
(3) St. squamous epithelium
(4) Pseudostratified epithelium

77. Distal part of male urethra is composed of :-
(1) Stratified columnar epithelium
(2) Stratified columnar epithelium
(3) Pseudostratified epithelium
(4) Transitional epithelium

78. Sweat gland of human being are originated from :-
(1) Ectoderm (2) Mesoderm
(3) Endoderm (4) All the above

79. Stratified squamous epithelium is found in :-
(1) Stomach (2) Loop of henle
(3) Bile duct (4) oesophagus

80. Visceral pleura is originated from :-
(1) Ectoderm (2) Endoderm
(3) Ectomesoderm (4) Mesoderm

81. Vesicles or acini of thyroid gland is composed of :-
(1) Simple squamous epi.
(2) Simple cuboidal epi.
(3) St. squamous epi.
(4) St. cuboidal epi.

82. Compound tubulo alveolar gland is :-
(1) Parotid gland (2) Brunar's gland
(3) Submandibular gland (4) Oil gland

83. Which gland secretes chemical by simple difusion :-
(1) Apocrine gland (2) Holocrine glands
(3) Merocrine gland (4) None

84. Compound squamous epithelium occurs in **[BHU 1995]**
(1) Stomach (2) Pharynx
(3) Intestine (4) Trachea.

85. Epithelial tissue is **[MP PMT 1995]**
(1) Protective covering
(2) Reproductive structure
(3) Nerve cells (4) Corpuscles.

86. Epithelium of bronchioles is **[MP PMT 1996]**
(1) Simple cuboidal
(2) Pseudostratified columnar
(3) Simple squamous
(4) Pseudostratified sensory

87. Stratified and nonkeratinised squamous epithelium occurs in **[AIPMT 1996]**
(1) Epidermis of skin
(2) Vagina and cervix
(3) Buccal cavity
(4) Both 2 and 3.

88. Basement membrane is formed of **[AIPMT 1997]**
(1) Epidermal cells
(2) Endodermal cells
(3) Both 1 and 2
(4) None of the above but present below epithelial cells.

89. Inner lining of gut, stomach and liver is made of **[AFMC 1997]**
(1) Simple squamous epithelium
(2) Simple columnar epithelium
(3) Simple cuboidal epithelium
(4) All the above.

90. Gastric gland are **[RPMT 1998]**
(1) Simple tubular
(2) Simple coiled tubular
(3) Branched tubular
(4) Compound tubular

91. Regeneration after injury is absent in **[RPMT 1998]**
(1) Nervous tissue (2) Skin epidermis
(3) Tendon (4) Smooth muscles.

92. Brush border epithelium occurs in **[CPMT 1999]**
(1) Trachea (2) Stomach
(3) Small intestine (4) Fallopian tube.

93. Adjacent epithelial cells are help together by means of **[AFMC 1999]**
(1) Liposomes
(2) Glyoxisomes / glyoxysomes
(3) Desmosomes (4) Microsomes.

94. Vertebrate salivary glands and exocrine part of pancreas are **[BHU 1999]**
(1) Apocrine (2) Holocrine
(3) Epicrine (4) Merocrine

95. Simple epithelium is made of **[AIPMT 2000]**
(1) Noncellular layer of hyaluronic acid
(2) Actively dividing cells
(3) Loosely arranged cells
(4) Compactly packed single layer of cells.

96. Goblet cells are **[JKCMEE 2000]**
(1) Unicellular glands
(2) Multicellular glands
(3) Stratified epithelium
(4) Dead keratinized cells.

97. Sebaceous glands are **[CPMT 2000]**
(1) Apocrine (2) Holocrine
(3) Mesocrine (4) Eccrine.

98. Squamous epithelium occurs in inner lining of **[Kerala 2000]**
(1) Kidney
(2) Pancreatic duct
(3) Lung alveoli
(4) Liver

99. Branched tubular gland is **[CPMT 2001]**
(1) Salivary
(2) Gastric
(3) Sebaceous
(4) Sweat.

100. Characteristic of epithelial tissues is **[Karnataka 2001]**
(1) Never produce gland
(2) Cells can undergo rapid division
(3) Abundant vasularisation
(4) Large intercellular spaces.

ANSWER KEY — EXERCISE - I

Q.	1	2	3	4	5		7	8	9	10	11	12	13	14	15	16	17	18	19	20
A.	**3**	**4**	**1**	**1**	**2**	**2**	**1**	**3**	**1**	**4**	**1**	**3**	**4**	**2**	**4**	**1**	**3**	**2**	**1**	**1**
Q.	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
A.	**1**	**1**	**1**	**4**	**1**	**1**	**1**	**2**	**1**	**1**	**1**	**1**	**1**	**4**	**3**	**2**	**3**	**2**	**2**	**1**
Q.	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
A.	**1**	**3**	**1**	**1**	**2**	**1**	**1**	**4**	**1**	**4**	**2**	**3**	**2**	**4**	**4**	**1**	**4**	**1**	**2**	**4**
Q.	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
A.	**2**	**3**	**2**	**3**	**3**	**2**	**2**	**3**	**4**	**3**	**2**	**3**	**2**	**1**	**1**	**1**	**1**	**1**	**4**	**4**
Q.	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
A.	**2**	**1**	**3**	**2**	**1**	**3**	**4**	**4**	**2**	**3**	**1**	**3**	**3**	**4**	**4**	**1**	**2**	**3**	**2**	**2**