

STRUCTURAL ORGANISATION IN ANIMALS

BQ7Q1

Pseudostratified epithelium is present in :

- (A) Nephron & Neuron ~~x~~
- (B) Larynx & Pharynx
- (C) Trachea & Bronchi
- (D) Urinary Bladder & Intestine

ciliated stratified columnar

non-keratinized stratified squamous

transitional epithelium

simple columnar

PSCE

Pseudostratified ciliated columnar glandular epithelium

BQ7S1

Ans [C]

Trachea & Bronchi

BQ7Q2

Transitional Epithelium is found in :-

- (A) Renal pelvis & Ureter
- (B) Urinary bladder
- (C) Upper part of male urethra
- ~~(D) All of above~~

• Stretchable

• In resting condition a thin basement membrane is present but on stretching basement mem^o gets disappeared

BQ7S2

Ans [D]

All of above

BQ7Q3

Columnar Epithelium with microvilli or Brush Border is present in :-

✓ (A) Gall Bladder

(C) Appendix

(B) Stomach

(D) Pharynx

→ glandular columnar epithelium

non-keratinised
stratified squamous

BQ7S3

Ans [A]

Gall Bladder

BQ7Q4

Stratified squamous epithelium found in :-

✓ (A) Buccal cavity

(B) Stomach

↑ glandular columnar
=

(C) Intestine

(D) Spleen

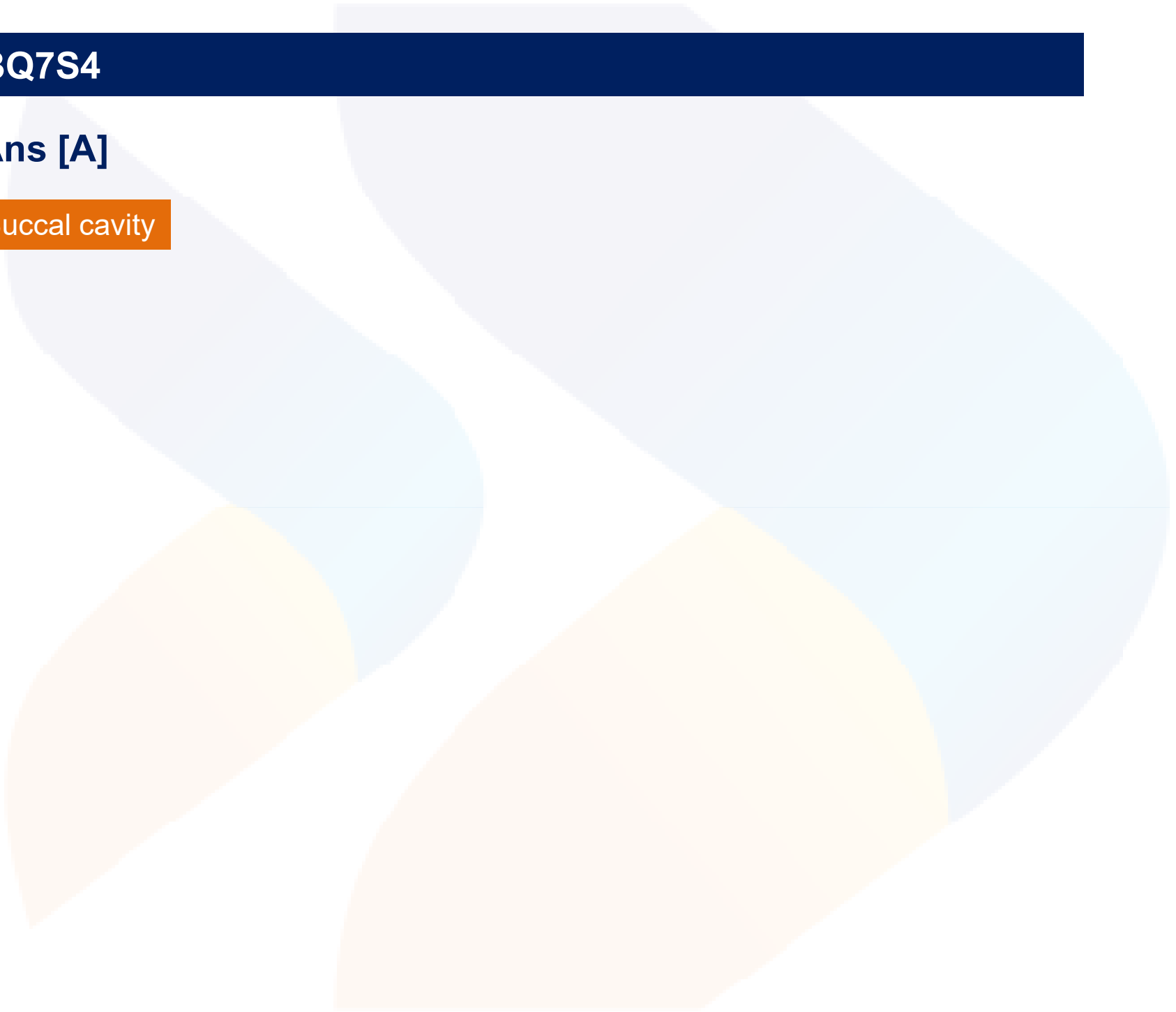
=
↓ simple columnar

stratified non-keratinized squamous epith

BQ7S4

Ans [A]

Buccal cavity



BQ7Q5

The internal lining of blood vessels is called as :-

(A) Mesothelium

~~(B) Endothelium~~

(C) Pavement Epithelium

(D) Stratified Epithelium ~~✓~~

covering of coelom

tile like appearance of
squamous epith.

BQ7S5

Ans [B]

Endothelium

BQ7Q6

Which of the following tissue covers moist surface of buccal cavity and pharynx? ↴

(A) Cuboidal epithelium

(B) Columnar epithelium

(C) Transitional epithelium

↴ (D) Compound epithelium

non-keratinized
stratified squamous

Compound
epithelium

BQ7S6

Ans [D]

Compound epithelium

BQ7Q7

Term tissue is coined by (for animal anatomy) :-

~~(A)~~ Bichat

(B) Mayer → Histology

(C) Malpighi

(D) Hertwig

(Plant tissue → grow)

BQ7S7

Ans [A]

Bichat

BQ7Q8

Non keratinized stratified squamous epithelium is found in :-

(A) Skin

→ keratinized stratified
sq. epithelium

(B) Stomach

x ✓

(C) Oesophagus

= ?
↓

non-keratinized str. sq. epithelium

(D) Intestine

x

BQ7S8

Ans [C]

Oesophagus

BQ7Q9

Epithelial lining of cornea is composed of :-

- ☒ (A) Stratified squamous nonkeratinised
- (B) Transitional
- (C) Simple cuboidal
- (D) Simple squamous

BQ7S9

Ans [A]

Stratified squamous non-keratinized.

BQ7Q10

Epithelial tissue originate from :-

- (A) Ectoderm
- (B) Endoderm
- (C) Mesoderm
- ☒ (D) All of above

BQ7S10

Ans [D]

Epithelial tissue originate from ectoderm, mesoderm and endoderm.

BQ7Q11

Basement membrane is composed of :-

- (A) Hyaluronic Acid + glycoproteins (B) Only mucopoly saccharides
(C) Endodermal cells (D) Epidermal cells

↓ Between epithelium & Connective Tissue

Basal lamina → towards epithelium
made up of glycoprotein

↓ fibrous lamina

↳ Towards C.T, collagen & reticular
fibres which are suspended in
mucopolysaccharide

↓
hyaluronic acid

BQ7S11

Ans [A]

Hyaluronic Acid + glycoproteins

BQ7Q12

Inner lining of gut, stomach & liver is made up of :-

- (A) Simple squamous
- (B) Simple cuboidal
- ☒ (C) Simple columnar
- (D) Pseudo stratified epithelium

BQ7S12

Ans [C]

Simple columnar

BQ7Q14

Compound squamous epithelium occurs in :-

(A) Stomach ✓
(C) Intestine ✓

} simple

~~(B) Pharynx~~

(D) Trachea

? SCC 4E

→ non-keratinized stratified
sq. epithelium

BQ7S14

Ans [B]

Pharynx

BQ7Q15

Cells of Peritoneum comprise :-

- (A) Ciliated Epithelium
- (B) Glandular Epithelium
- (C) Columnar Epithelium
- ☒ (D) Squamous Epithelium

BQ7S15

Ans [D]

Squamous Epithelium

BQ7Q16

Find out the incorrect match :-

- | | |
|---------------------------|--|
| 1 – Ciliated epithelium | – Bronchioles and Fallopian tubes ✓ |
| 2 – Compound epithelium | – ducts of salivary glands (unified submandibular) |
| 3 – Dense regular | – tendons and connective tissue ligaments ✓ |
| 4 – <u>Areolar tissue</u> | – present in the skin (below the skin) |

(A) 1 and 3

(B) 2 and 3

(C) 1 and 4

~~(D) Only 4~~

PSGLK → Pseudostratified
ciliated columnar glandular
epith.

BQ7S16

Ans [D]

Only 4

BQ7Q17

Germinal Epithelium of ovary is formed of :-

- (A) Columnar Epithelium
- (B) Squamous Epithelium
- ☒ (C) Cuboidal Epithelium
- (D) Stratified Epithelium

BQ7S17

Ans [C]

Cuboidal Epithelium

BQ7Q18

Epidermis of skin of vertebrates comprises :-

- (A) Simple Epithelium
- (B) ~~Stratified Epithelium~~
- (C) Transitional Epithelium
- (D) Columnar Epithelium

(keratinized stratified
sq. epithelium)

BQ7S18

Ans [B]

Stratified Epithelium

BQ7Q19

Inner lining of Blood vessels and heart is tessellated Epithelium. Which is :-

- ✓ (A) Simple squamous due to wavy appearance ↳ wavy appearance
- (B) Simple squamous due to tile like appearance ↳ pavement epithelium
- (C) Simple cuboidal due to wavy appearance
- (D) Simple columnar Epithelium

BQ7S19

Ans [A]

Simple squamous due to wavy appearance

BQ7Q20

Lining of larynx is :-

- ☒ (A) Stratified ciliated columnar Epithelium
- (B) Stratified squamous Epithelium
- (C) Stratified cuboidal Epithelium
- (D) Stratified columnar Epithelium

BQ7S20

Ans [A]

Stratified ciliated columnar Epithelium

BQ7Q21

Olfactory Epithelium (Schneiderian membrane) is composed of :-

- ☒ (A) Neuro sensory Epithelium
- (B) Simple sq. Epithelium
- (C) Simple cuboidal
- (D) Germinal Epithelium

BQ7S21

Ans [A]

Neuro sensory Epithelium

BQ7Q22

Basement membrane is absent in :-

- ☒ (A) Transitional Epithelium
- (B) Sq. Epithelium
- (C) Columnar Epithelium
- (D) Simple cuboidal Epithelium

BQ7S22

Ans [A]

Transitional Epithelium

BQ7Q23

Stretchable & Water proof Epithelium :-

- (A) Simple cuboidal
- (B) Simple squamous
- (C) Simple Columnar
- ☒ (D) Transitional

BQ7S23

Ans [D]

Transitional

BQ7Q24

Mesothelium is :-

- ☒ (A) Lining of coelom which originated from mesoderm
- (B) Lining of coelom which originated from ectoderm
- (C) Lining of heart which originated from Endoderm
- (D) Lining of heart which originated from Mesoderm

BQ7S24

Ans [A]

Lining of coelom which originated from mesoderm

BQ7Q25

Lining of brain ventricle & central canal of spinal cord is called as:-

- ☒ (A) Ependyma
- (B) Endothelium
- (C) Mesothelium
- (D) Neurosensory

BQ7S25

Ans [A]

Ependyma

BQ7Q26

This epithelium is made up of a single thin layer of flattened cells and is involved in diffusion, it is found in :-

~~(A)~~ Walls of blood vessels

(C) Tubular parts of nephrons

(B) Ducts of glands

(D) All of these

→ squamous epim.

→ stratified cuboidal epim.

→ simple cuboidal

BQ7S26

Ans [A]

Walls of blood vessels

BQ7Q27

Exoskeleton originated from (E.g. feathers, nail, horn, hoofs) :-

- (A) Connective tissue proper
- (B) Epithelium tissue
- (C) Skeletal tissue
- (D) Vascular tissue

BQ7S27

Ans [B]

Epithelium tissue

BQ7Q28

Stereocilia present in :-

(long processes which are non-motile & non-contractile)

~~(A)~~ Epididymis

(B) Seminal vesicle

(C) Ureter

(D) Kidney

stereociliated columnar epithelium
↓
vas deferens

BQ7S28

Ans [A]

Epididymis

BQ7Q29

Germinative layer of Keratinized st. sq. Epithelium :-

~~(A)~~ Cuboidal

(B) Squamous

(C) Pseudo stratified

(D) Transitional

BQ7S29

Ans [A]

Cuboidal

BQ7Q30

Mucus cells (Goblet cells) :-

- ☒ (A) Unicellular gland
- (B) Multicellular glands
- (C) Endocrine glands
- (D) Parietal cells of gastric glands

BQ7S30

Ans [A]

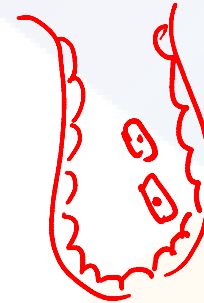
Unicellular gland

BQ7Q31

Sweat glands are :-

- (A) Merocrine *secrete substance by simple diffusion* (B) Endocrine *y*
(C) Holocrine (D) None *y*

sebaceous gland
secretion is shed with whole cell
destruction



BQ7S31

Ans [A]

Merocrine

BQ7Q464

Smooth muscles are

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- ☒ (A) Involuntary, fusiform, non-striated
- ☐ (B) Voluntary, multinucleate, cylindrical
- ☐ (C) Involuntary, cylindrical, straited
- ☐ (D) Voluntary, spindle-shaped, uninucleate



BQ7S464

Ans [A]

Smooth muscles are involuntary, fusiform and non-striated. These muscles are located in the inner walls of hollow visceral organs of the body like alimentary canal, reproductive tract etc. They do not exhibit any striation and are smooth in appearance.