MULTIPLE CHOICE. Choose the one alternative that best completes the statement or answers the question.

1) The superior portion of the oral cavity is defined by this highlighted structure.
   A) esophagus  B) soft palate  C) teeth  D) tongue  E) maxilla
2) Which structure is highlighted?
   A) esophagus
   C) sublingual gland
   B) submandibular gland
   D) parotid gland
3) The double layered sheet of peritoneum that attached to this region of the stomach is the _______.  
   A) pleura  
   B) lesser omentum  
   C) mesentery proper  
   D) falciform ligament  
   E) greater omentum
4) What are the three regions of the highlighted structure?
   A) duodenum, jejunum, ileum
   B) cecum, ascending colon, descending colon
   C) cecum, colon, small intestine
   D) duodenum, cecum, vermiform appendix
   E) stomach, small intestine, large intestine
5) Which structure is highlighted?
   A) vermiform appendix
   B) duodenum
   C) cecum
   D) pancreas
   E) stomach
6) Which structure is highlighted?
   A) stomach
   B) quadrate lobe of liver
   C) caudate lobe of liver
   D) spleen
   E) gall bladder
7) The highlighted structure transports bile to the _______.
   A) duodenum
   B) spleen
   C) liver
   D) large intestine
   E) stomach
8) Which structure is highlighted?
   A) greater omentum
   B) transverse colon
   C) stomach
   D) duodenum
   E) liver
9) Which structure is highlighted?
   A) quadrate lobe of liver
   B) gall bladder
   C) left lobe of liver
   D) right lobe of liver
   E) caudate lobe of liver
10) Which structure is highlighted?
   A) greater curvature
   B) lesser omentum
   C) cardia
   D) lesser curvature
   E) rugae
11) Which structures are highlighted?
   A) tenia coli
   B) rugae
   C) bile ducts
   D) plicae circulares
   E) cystic ducts
12) Which lobe of the liver is highlighted?
   A) quadrate        B) right        C) left        D) caudate
13) What is the function of the highlighted structure?
   A) produce digestive enzymes
   B) absorb nutrients
   C) store bile
   D) filter blood
   E) produce bile
14) Which region of the digestive system is highlighted?
   A) laryngopharynx
   B) oral cavity
   C) nasopharynx
   D) oropharynx
   E) esophagus
15) Which structure is highlighted?
   A) pancreas
   B) esophagus
   C) gall bladder
   D) duodenum
   E) stomach
16) One function of the highlighted structure is to ________.
   A) produce semen
   B) deliver blood to the testes
   C) wrinkle the scrotal skin
   D) maintain a constant temperature in the testes
   E) convey sperm out of the testes
17) Which structure is highlighted?
   A) epididymis
   B) corpus cavernosum
   C) testes
   D) glans penis
   E) scrotum
18) Which structure is highlighted?
   A) ductus deferens
   B) bulbourethral gland
   C) urinary bladder
   D) prostate gland
   E) seminal vesicle
19) Which structure is highlighted?
   A) seminal vesicle
   B) ejaculatory duct
   C) prostate gland
   D) bulbourethral gland
   E) corpus spongiosum
20) Which of the following structures of the penis is erectile tissue?

A) seminal vesicle
B) corpus cavernosum
C) epididymis
D) prostate gland
E) spongy urethra
21) Which structure is highlighted?
   A) ovary
   B) broad ligament
   C) ovarian ligament
   D) fimbria
   E) uterine tube
22) Which structure is highlighted?
   A) cervix
   B) fundus of the uterus
   C) vagina
   D) body of the uterus
   E) bladder
23) Once ovulated, the ovum travels first through the _______.
   A) uterine tube
   B) body of the uterus
   C) vagina
   D) cervix
   E) urethra
24) Which structure is highlighted?
   A) ovarian ligament
   B) cervix
   C) uterine tube
   D) ovary
   E) fimbriae
25) Which structure is highlighted?
   A) urethra
   B) fimbriae
   C) body of the uterus
   D) vagina
   E) cervix
26) Which layer of the mucosa is highlighted?
A) muscularis mucosa
B) lamina propria
C) muscularis externa
D) adventitia
E) epithelium
27) Which structures are highlighted?
A) oocytes
B) interstitial cells
C) seminiferous tubules
D) sperm
E) ovarian follicles
28) Which structures are highlighted?
   A) spermatogonia
   B) spermatids
   C) primary spermatocytes
   D) secondary spermatocytes
   E) nuclei
29) Which structures are highlighted?
   A) primary spermatocytes
   B) spermatogonia
   C) sustenacular cells
   D) secondary spermatocytes
   E) spermatids
30) Which organ is this slide taken from?
   A) ductus deferens
   B) testis
   C) prostate gland
   D) epididymis
   E) seminal vesicle
31) What is produced by the highlighted cells?

A) inhibin  
B) estrogen  
C) insulin  
D) androgens  
E) prolactin
32) Which part of the sperm is highlighted?
   A) midpiece  B) tail  C) bulb  D) head  E) shaft
33) What structure is highlighted?
   A) atretic follicle
   B) primary follicle
   C) oocyte
   D) primordial follicle
   E) Graafian follicle
34) Which structures are highlighted?
   A) Graafian follicles
   B) primordial follicles
   C) secondary follicles
   D) atretic follicles
   E) primary follicles
35) Which structure is highlighted?
   A) antrum
   B) zona pellucida
   C) primary follicle
   D) oocyte
   E) corona radiata
36) The highlighted structure is undergoing ______.
   A) ovulation
   B) degeneration and resorption
   C) luteinization
   D) luteolysis
   E) differentiation and maturation
37) Which cells are highlighted?
   A) granulosa
   B) theca externa
   C) granulosa lutein
   D) theca interna
   E) theca lutein
38) Identify the stage of this follicle.
   A) Graafian
   B) primary
   C) secondary
   D) antral
   E) primordial
39) The highlighted structure consists of _______ cells.
   A) granulosa
   B) theca interna
   C) theca lutein
   D) granulosa lutein
   E) theca externa
40) Which structures are highlighted?
   A) uterine glands
   B) primary follicles
   C) vaginal folds
   D) vacuoles
   E) blood vessels
41) Which cells are highlighted.
   A) theca interna
   B) granulosa
   C) theca externa
   D) theca lutein
   E) granulosa lutein
42) Which structure is highlighted?
   A) corpus luteum
   B) corpus albicans
   C) antral follicle
   D) corpus hemorrhagicum
   E) mature follicle
43) This uterus is in the _______ phase.
   A) proliferative
   B) secretory
   C) menstrual
   D) luteal
   E) follicular

43) _______
44) Identify this organ.
   A) urinary bladder
   B) vagina
   C) ovary
   D) uterus
   E) esophagus
45) Which layer of the gut wall is highlighted?
   A) mucosa
   B) muscularis externa
   C) serosa
   D) muscularis mucosa
   E) submucosa
46) Which structures are highlighted?
   A) G cells
   B) muscularis mucosa
   C) gastric pits
   D) parietal cells
   E) gastric glands
47) Which epithelial type is highlighted?
   A) simple squamous
   B) simple columnar
   C) pseudostratified columnar
   D) simple cuboidal
   E) transitional
48) Which structures are highlighted?
   A) intestinal glands
   B) duodenal glands
   C) microvilli
   D) plexuses
   E) villi
49) The highlighted layer of the gut wall is responsible for _______.

A) secretion  
B) absorption  
C) chemical digestion  
D) motility  
E) secretion
50) The highlighted structure is situated in an ideal position to ________.
   A) absorb nutrients
   B) chemically digest proteins
   C) metabolize fatty acids
   D) destroy bacteria
   E) secrete enzymes
51) Which structures are highlighted?
   A) intestinal glands
   B) microvilli
   C) villi
   D) crypts
   E) Peyer's patches
52) What cell surface specialization is present on this epithelium?
   A) microvilli  B) pits  C) flagella  D) villi  E) cilia
53) Which layer of the gut wall is highlighted?  
   A) serosa  
   B) submucosa  
   C) muscularis externa  
   D) muscularis mucosa  
   E) mucosa
54) Which structure is highlighted?
   A) bile dust
   B) hepatic portal vein
   C) hepatic artery
   D) central vein
   E) lobule
55) Which structure is highlighted?
   A) central vein
   B) bile dust
   C) hepatic arteriole
   D) hepatic portal venule
   E) sinusoid
56) Which structure is highlighted?
   A) vein
   B) serous demilune
   C) duct
   D) mucous acinus
   E) serous acinus
57) Identify the organ.
   A) liver
   B) dudenum
   C) stomach
   D) sublingual gland
   E) pancreas