

:Reflex vomiting is produced by the following EXCEPT (1

- .a) Early pregnancy
- b) Irritation of gastric mucosa. c) Mechanical irritation of back of oro-pharynx
- .d) Stimulation of S.C.C

Which of the following secretions is most dependent on vagal (2
:stimulation

- .a) Saliva
- .b) Hcl
- .c) Pepsin
- .d) Bile

:The major factor controlling bile salt secretion from the liver is (3

- .a) Secretin release during a meal
- .b) Fat entering the small intestine
- .c) Bile acids produced by the liver
- .d) Bile reabsorbed from the intestine

?Which of the following will inhibit stomach contractions (4

- .a) A cetyly choline
- .b) Motilin
- .c) Gastrin
- .d) Secretin

.....Gastrin secretion is increased by (5

- .a) acid in the lumen of stomach
- .b) distension of stomach
- .c) increased circulating levels of secretin
- .d) vagotomy

:Regarding Pepsinogen (6

- .a) Still active in duodenum
- .b) Secreted from parietal cell
- .c) Activated by Hel and by pepsin

.d) Pepsinogen one is not linked with HCl secretion

:Gall bladder contraction is induced by(7

- .a) Only by CCK
- .b) Only by vagal activity
- .c) By certain sympathetic nerves
- .d) By both A and B

:The segmenting movements in the small intestine (8

- a) Decreases particle size, which increases the surface area for .digestion
- b) Brings the products of digestion to the mucosal surface for .absorption
- c) Results in the mixing of the luminal contents in front of the propulsive segments
- .d) All of the above

:Saliva is responsible for all EXCEPT (9

- a) helps in deglutition
- b) prevents dental caries
- c) is essential for complete digestion of starch
- ;d) prevents decalcification of the teeth

:All the following drugs cause xerostomia except (10

- .a) Anticholinergic
- b) Antihistaminic
- .c) Diuretic .
- .d) Digitalis

:Salivary secretion is controlled by (11

- a) Unconditioned reflex
- b) Conditioned reflex
- c) Hormonal
- d) Enteric plexus
- e) Both conditional and unconditional reflex

: During pharyngeal phase of Deglutition there is (12

- a) pening of nasal cavity
- b) Opening of glottis
- c) opening of larynx
- d) Inhibition of respiration

:Tone of lower esophageal sphincter is increased by (13

- a) Vag N
- b) Myenteric plexus
- c) Fats and coffee
- d) Secretin hormone

:HCL is secreted by (14

- a) Goble cells
- b) G. cells
- c) Oxyntic cells
- d) Chief cells
- e) D. cells

:HCL secretion is increased by (15

- a) Histamine
- b) Adrenaline
- c) Secretin
- d) Prostaglandin
- e) CCK

:Pepsinogen is activated by (16

- a) Proteins
- b) Fats
- c) HCL
- d) CCK

:G.I. T is innervated from (17

An

c(1)
a(2)
e(3)
e(4)
a(5)
c(6)
d(7)
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a-Sympathetic division. b-Parasympathetic division. c-Enteric plexuses
.d-All of the above

:Gastrin hormone secretion is inhibited by (18)
.a-Caffine
.b-Antral distension. c-Somatostatin
.d-Protein digestive products

:The gall bladder performs the following functions except (19)
.a-Secretes bile of pH 7.8. b-Stores bile
.c-Concentrates bile
.d-Acidifies bile

:Presence of Hcl in the duodenum will (20)
.a. increase alkaline pancreatic secretion
.b. Increase gastric secretion
.c. Increase gastric evacuation
.d. Increase contraction of sphincter of Oddi

:Decrease in salivary secretion may resulted in (21)
.a. Stomatitis
.b. Dysphysia
.c. Dysphagia
.d. All of the above

All the following enzymes are present in saliva except: (22)
. a-Kalikrein
.b-ptyaline
.c-trypsinogen
.d-lysozyme

:Dental caries is prevented by saliva via (23)

.a-lysozyme content

b-Thiothionate

.c-Immunoglobulin content

.d-All of the above

:Saliva produces the following functions (24

.a-Help lipid digestion in mouth by lingual lipase

.b-Water excretion

c-Facilitates taste sensation. d-Neutralizes HCl in stomach by its

.buffers

:of esophageal disorders (25

.a-Achalasia

.b- Gastro-esophageal reflux and mega-esophagus

.c-None of the above

.d-a and b are correct

:Voluntary defecation is controlled by (26

a) Hypothalamus

.b) Pelvic N

c) Cerebral cortex

d) Sympathetic

:Pepsinogen - 1 is secreted from (27

a. parietal cell

b-chief cell

c. G-cell

d-mucous cell

:Cephalic phase of gastric secretion is mediated by (28

a- neurohormones

b- parasympathetic

C-sympathetic

d- gastrin

:Pancreatic secretion rich in water and bicarbonate is secreted in response

- a-cholecystokinin
- b- secretin
- C protein
- d- gastrin

: Hydrochloric acid is secreted by the (30)

- a- G cell
- b-chief cell
- C-mucous cell
- d. parietal cell

: Function of HCL is (31)

- a- Increase gastric release
- b- secretion of secretin
- c- secretion of CCK
- d- secretion of glucagon

:The tone in lower esophageal sphincter is increased by (32)

- a VIP
- b- fat
- C- caffeine
- d- gastrin

:Diarrhea causes (33)

- a-alkalaemia
- ++b. increase Ca
- c-acidaemia
- d-overhydration

:Vomiting is complicated by-34

- .a. Hypercalcemia
- .b- Hypokalemia

- .c. Acidosis
- .d. Hypervolemia

:Regarding gastric emptying -35

- .a. Fat is faster than carbohydrate
- .b. Pain stimulates emptying
- .c- cck inhibits gastric emptying
- .d. Moderate volume of chyme is slower than large volume

:Saliva is responsible for all of the following EXCEPT -36

- .a. Helping in deglutition
- b. Prevention of dental caries. C- Completion of fat digestion. d.
- .Prevention of teeth decalcification

:Normal swallowing is dependent on the integrity of the -37

- .a Glossopharyngeal (9th) cranial nerve
- .b. Chemo-receptor trigger zone (CTZ)
- ,c. Oculomotor(3th) cranial nerve. d. Hypothalamic appetite center

:Which of the following would not be produced by total pancreatectomy (38)

- a. hyperglycaemia
- b. metabolic acidosis
- c. weight gain
- d. decreased absorption of amino acids

: Vit D is essential for normal (39)

- a. fat absorption
- b. Ca absorption
- C. ADH secretion
- d. protein absorption

?Which of the following sphincters does NOT prevent reflux of material (40)

- A. Lower esophageal sphincter
- .B. Gastroduodenal sphincter
- C. Ileocolonic sphincter

Answers

A(1

A(2

A(3

D(4

B(5

C(6

D(7

D(8

C(9

D (10

E (11

D (12

B (13

C (14

A (15

C (16

D (17

C (18

A (19

A (20

D (21

C (22

D (23

B (24

D (25

C (26

B (27

B (28

B (29

D (30

B (31

D (32

C (33

B (34

C (35

20) 8
21) 3
22) 3
23) 8
24) 8

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27)C

B (36)
C (37)
C (38)
B (39)
D (40)