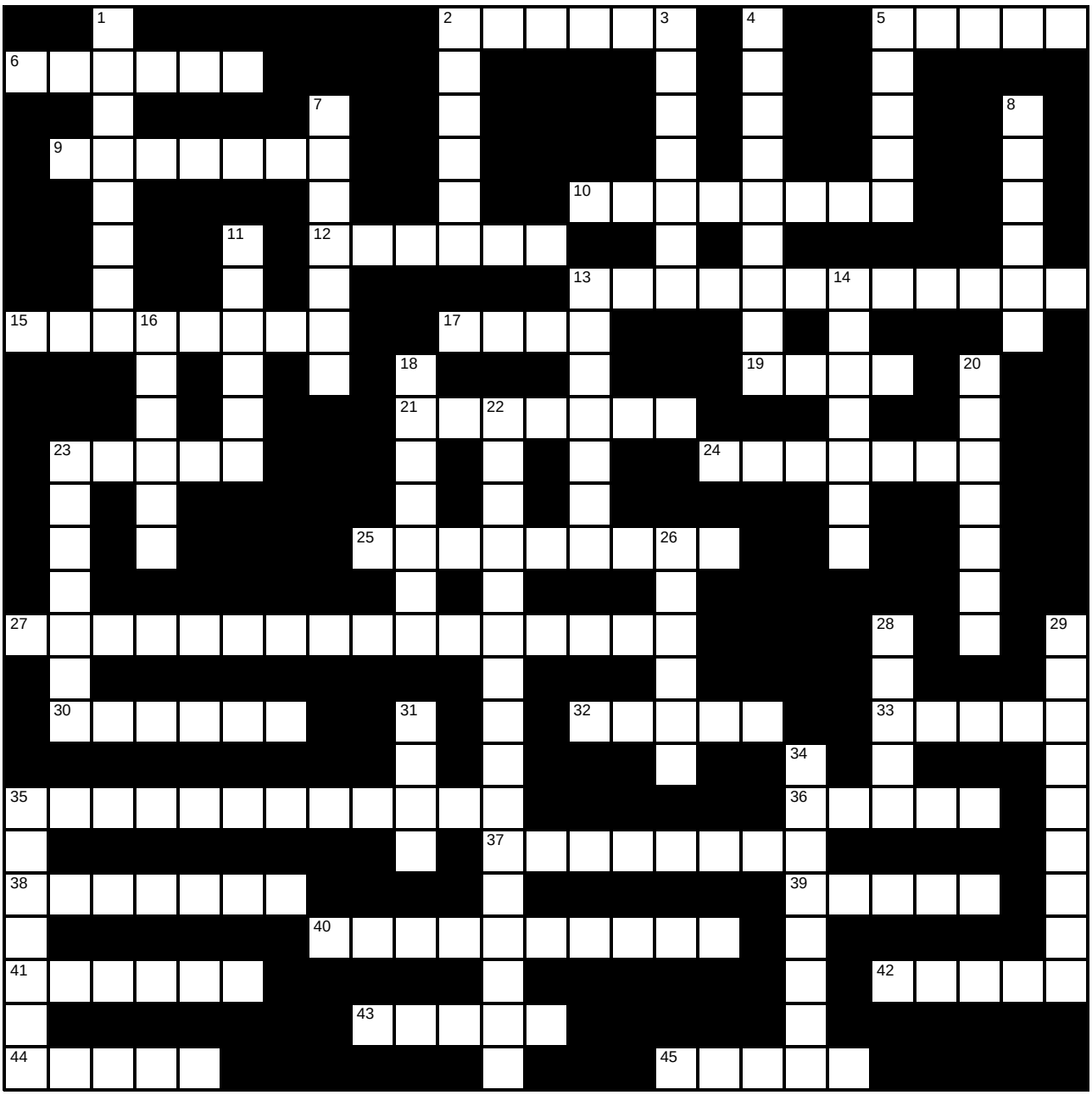
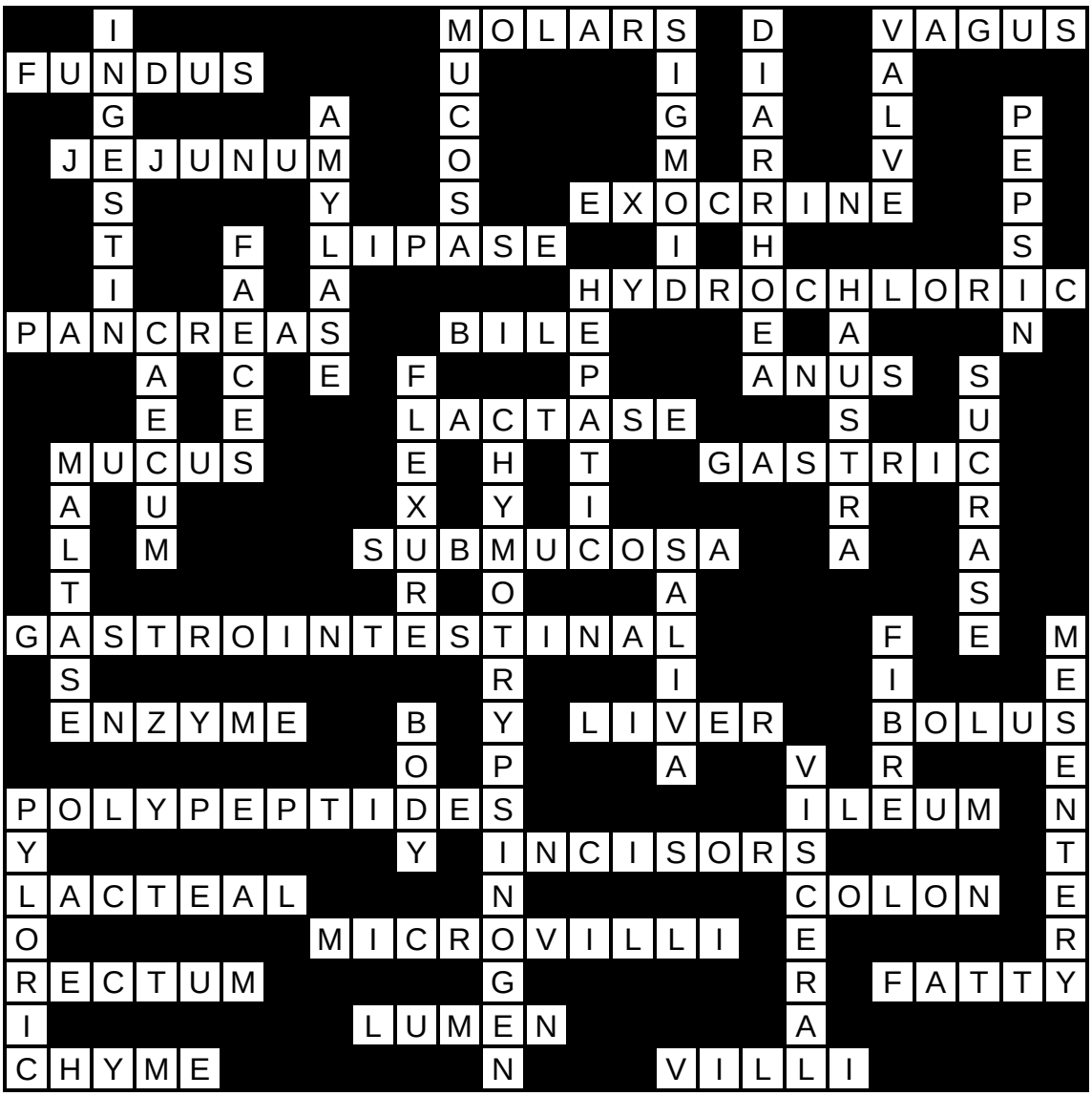
Gastrointestinal system





Across

2 Teath used for grinding food (6)

5 The principle parasympathetic nerve that supplies the GI tract, this nerve is a `wanderer` (5)

6 The superior part of the stomach (6)

9 The middle section of the small intestine (7)

10 A gland which secretes its products via a duct (8)

12 An enzyme to digest fat (6)

13 A rather powerful acid found in the stomach (12)

Down

1 The process of taking food into the body (8)

2 The inner layer of the GI tract, lining the lumen (6)

3 This part of the colon passes faeces into the rectum (7)

4 When the faeces are too watery (9)

5 A structure which ensures a one way flow (5)

7 An enzyme which starts the digestin of starch (7)

8 An enzyme found in the stomach which digests proteins (6)

11 Waste products expelled through the anus (6)

15 This gland produces several digestive enzymes including lipase and trypsinogen (8)

17 A product of the liver which emulsifies fat (4)

19 The ring of muscle which regulates the exit of faeces (4)

21 An enzyme which breakes down lactose into monosaccharides (7)

23 A lubricating and protective section (5)

24 To do with the stomach (7)

25 Tha layer under the mucosa (9)

27 GI in full (16)

30 A biological catalist (6)

32 This exocrine gland produces bile (5)

33 A unit of swallow food (5)

35 A linked chain of amino acid units, short of a protein (12)

36 The third section of the small intestine (5)

37 Teath at the front (8)

38 The branch of the lymphatic system inside the villi (7)

39 The large intestine (5)

40 Small projections from the enterocytes (10)

41 Where faeces is stored prior to ellimination (6)

42 A type of acid derived from ingested lipids (5)

43 The hole down the middle (5)

44 A mixture of partly digested food, digestive enzymes and gastrointestinal secretions (5)

45 Small finger like projections of the mucosal layer into the lumen of the small intestines (5)

13 To do with the liver (7)

14 One of the pouches in the colon (7)

16 The first part of the colon (6)

18 A word which describes a bend in the colon (7)

20 Enzyme to digest sucrose (7)

22 This is inactive but once in the lumen of the duodenum is converted into active chymotrypsin (16)

23 An enzyme which will digest maltose (7)

26 The first digestive juice, sontains some amylase (6)

28 This component of the diet is not digested (5)

29 Carries the blood supply to the intestines (9)

31 The middle part of the stomach (4)

34 The inner lyer of the peritoneal membrane (8)

35 The lower part of the stomach, also the name of a sphincter (7)