



BIOLOGY

BOOKS - UNITED BOOK HOUSE

MODEL PAPER 03

Exercise

1. End part of the small intestine is known as

A. 1.duodenum

B. 2.jejunum

C. 3.ileum

D. 4.caecum.

Answer:



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2. The factor act as an enhancer of gastric juice secretion from stomach is -

A. HCl

B. Gastrin

C. Pepsin

D. Glucagon.

Answer:



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3. Digestion starts first at -

A. Pharynx

B. Oesophagus

C. Mouth cavity

D. Stomach.

Answer:



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4. Blood glucose level is increased by

A. Insulin

B. Gastrin

C. Glucagon

D. Secretin

Answer:



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5. Sodium glycocholate is -

A. Bile salt

B. Bile pigment

C. Mucin

D. Lecithin

Answer:



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6. The weight of a reference man should be

A. 50 kg

B. 55 kg

C. 60 kg

D. 65 kg

Answer:



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7. "Let there be bread" - this proverb belongs to which organization

A. WHO

B. FAO

C. UNICEF

D. ICMR

Answer:



8. Supplied amount of protein to upper primary classes from MDM is

A. 8-12 gm

B. 10 gm

C. 15 gm

D. 20 gm

Answer:



9. One of the ARF-enriched weaning food is -

A. Pulses

B. Germinating cereals

C. Fish

D. Milk

Answer:



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10. The component present in fruit that helps to prepare jelly is -

A. Pectin

B. Fructose

C. Glucose

D. Cellulose.

Answer:



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11. In which condition the amount of bile pigments increase in the blood?

A. In diarrhoea

B. In peptic ulcer

C. In fever

D. In jaundice

Answer:



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12. The pathogen of which disease is not destroyed by pasteurization of the milk

A. Diarrhoea

B. Fever

C. Polio

D. Tuberculosis.

Answer:



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13. Sesame seeds are rich in which mineral?

A. Sodium

B. Calcium

C. Sulphur

D. Copper

Answer:



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14. The excellent source of low cost milk is -

- A. 1.Cow's milk
- B. 2.Goat's milk
- C. 3.buffalo's milk
- D. 4.Soyabean milk.

Answer:



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15. Lactoferrin present in breast milk reduces the growth of which bacteria in the intestine of infants?

A. E. Coli

B. Vibrio cholerae

C. Salmonella typhi

D. Bacillus cereus

Answer:



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16. According to WHO for a heart-disease patient the calorie from linoleic acid should be

-

A. 0.04

B. 0.037

C. 0.045

D. 2.7% of the tota calorie

Answer:



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17. The percentage of calorie should come from fat for a peptic ulcer disease patient

A. 0.2

B. 0.3

C. 0.4

D. 0.5

Answer:



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18. The temperature for blanching should be -

A. 1) $90^{\circ} C - 95^{\circ}$

B. 2) $94^{\circ} C - 100^{\circ}$

C. 3) $90^{\circ} C - 99^{\circ}$

D. 4) $100^{\circ} C - 105^{\circ}$

Answer:



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19. Air from food can be eliminated by adding -

A. Salt

B. Organic acid

C. Oil

D. Spices

Answer:



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20. Amount of iron present in human body is

A. 1) 2.5-4.0 gm

B. 2)5.5-6.0 gm

C. 3)10-12 gm

D.

Answer:



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21. The ideal place for giving nutrition education to mothers is -

A. 1.Health centres

B. 2.School

C. 3.College

D. 4.NGO.

Answer:



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22. What is regulatory enzyme?



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23. What is called amino acid pool?



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24. What is deamination?



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25. What is meant by Gluconeogenesis?



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26. What is glycogenolysis?



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27. What enhances the cholagogue action?



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28. What is called SDA?



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29. Why excess amount of protein is needed in pregnancy?



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30. What minerals are required more in pregnancy?



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31. Which amino acid in breast milk helps to form the myelin sheath?



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32. Write two points that should be kept in mind during weaning .



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33. What is malting?



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34. When should low fibre diet be given?



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35. Write the equation of population growth.



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36. What is the amount of sodium bicarbonate present in the commercial ORS?



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37. Which type of bacteria can survive at $0^{\circ}c$ temperature?



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38. What is the favourable temperature for mold growth?



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39. What is visual cycle?



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40. Which medicine is responsible for peptic ulcer?



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41. What do you mean by enzyme and co-enzyme? Write down the name of enzymes

present in small intestine and its role on digestion.



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42. Write down the process of glycogenesis.



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43. Write the important rules that are to be followed during the weaning of the baby.



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44. Write the characteristics of Tube feeding.

Discuss the principle of preparing a diet for an Atherosclerosis patient,



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45. What is basal metabolism? Calculate the BMR of an eighteen year old student, sedentary workers, whose body weight is 60kg. Write the importance of measurement of BMR.



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46. What is UHT method? Name two microbes found in milk. How does the irradiation help in food preservation?



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47. What do you mean by National Nutritional programme in India? Write down the name of two National Nutritional programme? What is NAPPNB?



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48. Which programme is undertaken in your school to increase the nutritional status of the students. Discuss the programme.



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