



BIOLOGY

BOOKS - UNITED BOOK HOUSE

2015- QUESTION PAPER

Exercise

1. Which one is not goitrogenic food?

A. Radish

B. Cauliflower

C. Carrot

D. Cabbage

Answer:



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2. Number of local female assistants of a food survey committee is

A. one

B. two

C. three

D. four

Answer:



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3. Mid-day Meal receiving age is

A. 6-12 years

B. 6-14 years

C. 6-15 year

D. 6-18 years

Answer:



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4. The main reason behind diet survey is

A. to identify the nutritional value

B. to identify the wastage of food

C. to identify the food quantity

D. to identify the production of food

Answer:



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5. What is the amount of vitamin A enriched oil administered to a child 9 months of age along with their vaccination of measles?

A. 0.5 lakh I.U.

B. 1.5 lakh I.U.

C. 1.2 lakh I.U.

D. 1 lakh I.U.

Answer:



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6. From which method can we know the amount of food produced by the country?

A. Log book method

B. Food record method

C. Balance sheet method

D. Interview method.

Answer:



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7. Which of the following is 'World Health Day'

?

A. 7 th January

B. 7th March

C. 7th April

D. 7th May.

Answer:



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8. Which of the following, if accumulated in a child's liver, causes haemosiderosis?

A. Vitamin C

B. Calcium

C. Vitamin A

D. Iron.

Answer:



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9. Name of the bacteria responsible for peptic ulcer is

A. *Helicobacter pylori*

B. *E. Coli*

C. Salmonella typhi

D. Mycobacterium tuberculosis.

Answer:



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10. Daily energy requirement of an-infant (1-3year) is -

A. 1350 kcal

B. 2010 kcal

C. 1060 kcal

D. 2190 kcal

Answer:



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11. Which of the following enzyme is required to produce cis-aconitic acid from citric acid?

A. Succinate dehydrogenase

B. Isomerase

C. Pyruvate dehydrogenase

D. Aconitase.

Answer:



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12. The ideal birth weight of average Indian baby is between

A. 2 kg-2.5 kg

B. 2.5 kg-3 kg

C. 3.5 kg-4 kg

D. 4 kg-4.5 kg

Answer:



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13. The deficiency of which nutrient leads of 'Tetany'?

A. protein

B. carbohydrate

C. Iron

D. calcium

Answer:



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14. Lactoferrin present in mother's milk prevents the growth of which bacteria in the baby's intestine?

A. 1.E. Coli

B. 2.Vibrio cholerae

C. 3.Salmonella typhi

D. 4.Sarcina maxima.

Answer:



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15. If R.Q. = 1 then the total calorie produced per litre of oxygen is

A. 4.875

B. 5.058

C. 4.795

D. 4.921

Answer:



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16. The cell which helps in the secretion of HCl is

A. argentafin

B. goblet

C. oxyntic

D. visceral

Answer:



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17. Absorbable form of fat molecules in our body is

A. micelle

B. glucose

C. chylomicrons

D. amino acids.

Answer:



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18. A part which adheres tightly with the enzyme protein is known as

A. 1.holo enzyme

B. 2.prosthetic group

C. 3.pro-enzyme

D. 4.co-enzyme.

Answer:



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19. Name of the glycogen synthesis process is

A. gluconeogenesis

B. glycogenesis

C. glycolysis

D. glycogenolysis

Answer:



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20. Sodium restricted diet is advised for
Patients .

A. high blood pressure

B. kwashiorkor

C. marasmus

D. tuberculosis

Answer:



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21. The digestive juice, which contains a factor, which helps in the absorption of vitamin B_{12} is

A. intestinal juice

B. pancreatic juice

C. gastric juice

D. bile juice

Answer:



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22. Name two milk proteins.



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23. What is the percentage of increase in BMR with each degree Celsius rise in body temperature?



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24. What is recurrent fever?



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25. What is FTT?



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26. Calculate the amount of carbohydrate that would provide 1500 kcal energy.



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27. Name the anaemia that occurs due to defect in bone marrow.



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



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29. How is home based ORS be prepared?



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30. In which year and where was Applied Nutrition Programme started?



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31. What do you understand by Amino Acid pool?



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32. What do you mean by Essential Amino Acid?



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33. Name the group of food that gives maximum Specific Dynamic Action in our body.



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34. According to ICMR (2010), what is the specified age and weight of a reference woman?



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35. Write the name of the food where Ortho-Tri Cresyl Phosphate (TCP) is used as an adulterant.



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36. Give the full form of DLC



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37. Name the most abundant amino acid present in colostrum which helps in brain development in children.



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38. What is the full form of SQUID?



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39. What do you mean by supplementary food?



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40. How can you increase the nutritive value of a food substance at home easily and without cost?



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41. What do you mean by Dark Adaptation Test?



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42. What is keratomalacia?



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43. Write the names of two organic substances present in bile. Discuss the functions of bile

juice in our body.



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44. What is TCA cycle and why is it called so?
With the help of a diagram show the Krebs cycle.



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45. What is the calorific value of 80 gms of carbohydrate, 15 gms of protein and 10.4 gms

of fat in a breakfast? What is physiological fuel value of food?



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46. The nutritional status of an embryo is affected by the poor nutritional status of the pregnant mother. Justify the statement. Give three immunological benefits of the mother's milk.



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47. Write a note on the complications of diabetes. Discuss the principles of planning a diet for diabetic patient.



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48. Describe any commercial method of preserving fish with at least one advantage. What do you mean by LTH? Give two reasons for food spoilage.



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49. What is the meaning of the two words Marasmus and Kwashiorkor'? What are the differences between Marasmus and kwashiorkor?



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50. What do you mean by 'Population'? Write on Malthus Population Theory.



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