



BIOLOGY

BOOKS - UNITED BOOK HOUSE

2018- QUESTION PAPER

Exercise

1. Tyrosine is a

A. Essential amino acid

B. Enzyme

C. Essential fatty acid

D. Ketogenic amino acid.

Answer:



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2. In case of aerobic respiration, the total number of ATP produced by 1 molecule of glucose is -

A. 38

B. 35

C. 32

D. 30

Answer:



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3. Non-protein protion which strongly attched to enzyme protein is called -

A. Holo enzyme

B. Prosthetic group

C. Pro-enzyme

D. Coenzyme

Answer:



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4. Cholesterol present in 100 ml blood is -

A. 150-250 mg

B. 100-120 mg

C. 130-160 mg

D. 135-180 mg.

Answer:



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5. The mineral which helps in hexose absorption is

A. Calcium

B. Iron

C. Sodium

D. Magnesium.

Answer:



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6. The daily calorie requirement of a 10-12 year old girl is -

A. 1) 2190 kcal

B. 2)2010 kcal

C. 3)2750 kcal.

D. 4)1330 kcal

Answer:



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7. A chocolate cake is given for your tiffin, which has 11.6 gm of fat, 17.7 gm of carbohydrate and 1.2 gm of protein, How much

total kilocalories will you receive from the cake?

A. 120 kcal

B. 150 kcal

C. 170 kcal

D. 180 kcal

Answer:



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8. Which one is used for the preservation of all kinds of coloured fruits juice?

A. Acetic acid

B. Potassium metabisulphite

C. Sodium benzoate

D. Citric acid.

Answer:



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9. The enzyme responsible for rotting of milk is

A. Lactase

B. Pepsin

C. Amylase

D. Lipase

Answer:



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10. Name of the protein which is responsible for gout is

A. Psychrophilic

B. Mesophilic

C. Thermophilic

D. Hydrophilic

Answer:



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11. The stool of a baby is hardened by -

- A. Calcium soap
- B. Barley
- C. Soyabean milk
- D. Mother's milk.

Answer:



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12. The tannin of tea that acts as a barrier in the absorption of the nutrient, is -

A. Calcium

B. Iron

C. Phosphorus

D. Iodine.

Answer:



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13. In our body, the excess of Vitamin A is stored in -

A. Liver

B. Small intestine

C. Large intestine

D. Pancreas.

Answer:



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14. The 'World Nutrition Day' is observed on -

A. 16th January

B. 14 th September

C. 9th February

D. 16th October

Answer:



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15. The daily allotted amount of energy for teenagers in mid day meal is

A. 300 kcal

B. 400 kcal

C. 500 kcal

D. 700 kcal

Answer:



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16. Which one of the following is not under United nations?

A. WHO

B. FAO

C. UNICEF

D. ICMR

Answer:



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17. The certification mark used to maintain the standard of ghee and edible oils -

A. 1.AGMARK

B. 2.ISI

C. 3.BIS

D. 4.FPO

Answer:



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18. Daily iron requirement of a pregnant woman is -

A. 21 mg

B. 35 mg

C. 85 mg

D. 45 mg

Answer:



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19. What is called Coenzyme?



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20. What is Lysozyme?



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21. What is called Micelle?



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22. What is meant by Gluconeogenesis?



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23. What do you mean by PAR?



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24. Define reference woman according to ICMR.



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25. What are Polyuria and Polyphagia?



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26. What is GOR?



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27. Write down the full forms of T_3 and T_4 hormones.



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28. When is a low sodium diet given?



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29. What is known as Koilonychia?



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30. What is the objective of pasteurization process in milk preservation?



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31. What do you mean by NMEP?



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32. What is the full form of NNMB?



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33. What is the main objective of Nutrition Education?



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34. According to the recommendations given by WHO/UNICEF. In ORS, what are the quantities of Sodium bicarbonate and Potassium chloride in 1 litre of water?



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35. What is Keratomalacia?



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36. What is the cause of pernicious anaemia?



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37. State two advantages of kitchen garden.



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38. Mention two symptoms of NNAPP?



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39. Why is krebs cycle called citric acid cycle?

Draw TCA cycle with the help of flow chart.



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40. What do you mean by digestion? Write in

detail about protein digestion in the stomach

and small intestine.



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41. What do you mean by SDA of food? What is B.M.R.?



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42. What is Jaundice? Classify different types of jaundice with the help of a chart.



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43. Discuss the nutritional importance of colostrum. Why is breast milk ideal for newborn baby?



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44. Write the classification of fever. Prepare a suitable diet chart for a typhoid patient.



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45. What is diet survey? Write the advantages and disadvantages of any two methods of diet survey.



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46. Write the full forms of ICDS and MDMP. Describe any one of them.



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