



BIOLOGY

BOOKS - UNITED BOOK HOUSE

ANNUAL EXAMINATION QUESTION PAPERS2015

Exercise

1. Peptone is a

- A. Derived protein
- B. simple protein
- C. conjugated protein
- D. biocatalyst

Answer:



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2. The vitamin which is found only in animal foodstuff is

A. B_1

B. B_2

C. B_9

D. B_{12}

Answer:



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3. The limiting amino acid present in maize is

A. Lysine

B. Phenylalanine

C. Tryptophan

D. Threonine

Answer:



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4. The transfer of iron in our body takes place with the help of

A. Transferrin

B. Globulin

C. Molybdenum

D. Ferritinn

Answer:



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5.1 Mega Joule means

A. 0.240 kcal

B. 0.120 kcal

C. 120 kcal

D. 240 kcal

Answer:



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6. An example of an amino sugar is

A. Deoxyribose

B. Galactosamine

C. Fructose

D. Lactose

Answer:



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7. From which of the following FMN is synthesized ?

A. Vitamin B_1

B. Vitamin B_2

C. Vitamin B_6

D. Vitamin B_{12}

Answer:



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8. The number of Iodine molecules present in Thyroxine hormone is

A. 1

B. 2

C. 3

D. 4

Answer:



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9. Th amount of water in urine is controlled by

A. STH

B. FSH

C. TSH

D. ADH

Answer:



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10. Which of the following is an essential amino acid?

A. Proline

B. Valine

C. Glycine

D. Arginine

Answer:



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11. The vitamin which helps in iron absorption

is:

1. A

2. C

3. K

4. D

A. Vitamin C

B. Vitamin K

C. Vitamin B_1

D. Vitamin B_3

Answer:



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12. The pigment present in beetroot is

A. Flavonoid

B. Ferritin

C. Betalin

D. Anthocyanin.

Answer:



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13. Hyponatraemia is

A. deficiency of sodium

B. deficiency of potassium

C. deficiency of calcium

D. deficiency of iron.

Answer:



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14. Blanching is the process of application of

A. Dry heat

B. Cold water

C. Salt water

D. Hot water

Answer:



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15. The greenhouse gas used in refrigerators is

A. CFL

B. CFC

C. TPP

D. ADH

Answer:



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16. The method of preparing bread is

A. Roasting

B. Grilling

C. Toasting

D. Baking

Answer:



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17. Which equipment, used in cooking may increase the probability of cancer?

A. Coal oven

B. Gas oven

C. Kerosene stove

D. Microwave oven

Answer:



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18. In a balanced diet, the ratio of carbohydrate, protein and fat is

A. 3 : 2 : 1

B. 7 : 1 : 2

C. 7 : 2 : 1

D. 3 : 1 : 2

Answer:



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19. Daily requirement of protein for a child (1-3 yrs) is

A. 15 gm

B. 16 gm

C. 16.7 gm

D. 17 gm

Answer:



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20. In a balanced diet, the amount of calorie that should come from protein is

A. 10-15%

B. 15-20%

C. 20-25%

D. 25-30%

Answer:



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21. The normal daily milk secretion by an Indian woman is

A. 600 ml

B. 700 ml

C. 800 ml

D. 900 ml

Answer:



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22. In the assessment of nutritional status, what does the ABCD method mean?



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23. What are the effects of food on human body?



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24. What do you mean by vital health statistics?



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25. Why is fluorine called double-faced sword?



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26. What do you understand by Amino Acid pool?



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27. What is lipoprotein? Where can we find them?



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28. With examples, write what do you understand by the term Pseudovitamin.



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29. What is Nyctalopia?



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30. Why do we feel thirsty?



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31. Where is the thirst centre in the human body?



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32. Write two important functions of phosphorus.



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33. Mention the temperature of oil during deep frying.



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34. Name two modern equipment that are used in the kitchen.



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35. State two advantages of kitchen garden.



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36. What is the function of safety valve in a pressure cooker?



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37. Give two demerits of an average Indian daily diet.



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38. What is the percentage of fat and solid non-fat (SNF) present in standardised milk?



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39. Name two proteins present in meat.



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40. According to ICMR 2010 in how many basic groups can foods be classified into?



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41. What do you mean by Balanced Diet and Adequate Diet? What is food faddism?





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42. Define malnutrition. Discuss the causes of malnutrition in India.



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43. What is fibre? Why is it necessary in our daily diet? What are the ill-effects of excess consumption of fibre?



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44. Name the vitamin which is known as 'Antirachitic' agent. Write the scientific name of that vitamin. Name the provitamin of this vitamin. Discuss the consequences of deficiency of this vitamin in children.



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45. What do you mean by Reducing sugar?



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46. Name the vitamins whose deficiency causes Beriberi Give two functions of each of these vitamins. Name the vitamins whose deficiencies cause anaemia



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47. Name the vitamins whose deficiency causes Pellagra Give two functions of each of these vitamins. Name the vitamins whose deficiencies cause anaemia



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48. Give the effect of heat on protein and fat.

Discuss two ways by which the nutritive value of food can be enriched without extra cost.



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49. Mention five ideal ways of cooking vegetables. Give two disadvantages of using solar cooker.



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50. What are the important factors that have to be considered while planning a diet chart for pre-school children?



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51. Write short notes on the following topics :

School tiffin



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52. Write short notes on the following topics :

Medicinal value of fruits.



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