



BIOLOGY

BOOKS - UNITED BOOK HOUSE

MODEL PAPER 07

Exercise

1. Billiverdin is -

A. Mucine

B. Lecithin

C. Cholesterol

D. Bilepigment.

Answer:



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2. Which of the following helps to reduce blood glucose?

A. Glucagon

B. Insulin

C. Gastrin

D. Secretin

Answer:



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

A. 25 molecules

B. 38 molecules

C. 40 molecules

D. 30 molecules.

Answer:



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4. Amino acid requies for the child's brain development is

A. Tryptohan

B. Lysine

C. Leucin

D. Methionine.

Answer:



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5. Daily energy requirement of a lactating mother sedentary worker for the next six months is

A. $1900+350$ k.cal

B. $1900+250$ k.cal

C. $1900+600$ k.cal

D. $1900+650$ k cal.

Answer:



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6. Daily energy requirement of a 0-6 months aged child is

A. 80 kcal/kg/day

B. 85 kcal/kg/day

C. 92 kcal/kg/day

D. 108 kcal/kg/day

Answer:



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7. The ratio of cereal protein and pulse protein in a balanced diet should be

A. 5 : 1

B. 8 : 1

C. 3 : 2

D. 4 : 1

Answer:



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8. What is present in fish oil that is good for the healthy heart?

A. Omega-3-fatty acid

B. ascorbic acid

C. amino acid

D. fatty acid

Answer:



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9. High fibre diet can be given in

A. Constipation

B. colitis

C. Moisture

D. dehydration

Answer:



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10. Which of the following is a semiperishable food?

A. Pulses

B. Milk

C. Potato

D. Fish

Answer:



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11. Moon face' and 'Pot belly' can be seen in malnourished child who is suffered from

A. Pellagra

B. Marasmus

C. Scurvy

D. Kwashiorkor

Answer:



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12. Which of the following is a national agency?

A. WHO

B. UNICEF

C. FAO

D. ICMR

Answer:



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13. How many field assistant are needed in diet survey?

A. 1 person

B. 2 persons

C. 3 persons

D. 4 persons.

Answer:



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14. Iron is present in IFA tablet as

A. 40 mg

B. 60 mg

C. 20 mg

D. 100 mg

Answer:



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

A. Liver

B. Small intestine

C. Large intestine

D. Stomach

Answer:



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16. Which of the following is a mixed food?

A. Fish

B. Sugar

C. Glucose

D. Mustard oil

Answer:



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17. The full form of FTT is

A. Failure to thrive

B. Filling to thrive

C. Falling to thrive

D. Fit to thrive

Answer:



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18. Approx weight of a cream cracker biscuit is

A. 1) 10 gm

B. 2) 12 gm

C. 3) 7.5 gm

D. 4) 5.5 gm

Answer:



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19. Sugar present in urine can be seen in

A. 1.Polyuria

B. 2.Polyphagia

C. 3.Glycosuria

D. 4.Polydipsia

Answer:



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20. The cell which helps in secretion of Gastrin is

A. 1.Oxyntic cell

B. 2.Beta cell

C. 3.G-cell

D. 4.Goblet cell.

Answer:



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21. Name the amylolytic enzyme present in saliva.



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22. Which hormone stimulates the secretion of gastric juice?



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23. Which hormone is secreted from the α -cell of pancreas?



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24. The component of digestive juice that helps to absorb vitamin B_{12} .



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25. What is Chyme?



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26. What do you mean by amino acid pool?



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27. What is transmethylation?



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28. Mention the BMR of an adult male and an adult female.



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29. What is physiological fuel value of food?



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30. What is toxemia?



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31. What is Pica?



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32. What is Pyorrhoea?



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33. Name the causative organism of peptic ulcer.



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34. What is Hyper uricaemia?



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35. Mention two functions of WHO.



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36. Mention the objectives of Nutrition education. Write down short notes on UNICER and WHO.



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37. The temperature of hot smoking process is -



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38. What is blanching?



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39. Mention the year of commencement of IDDCP.



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40. What do you mean by amino acid pool?



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41. Describe carbohydrate absorption process with diagram.



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42. Calculate calorie value of 175 gm carbohydrate 45 gm fat and 25 gm protein. What should be the ideal body weight of a man with 5 feet 7 inch height according to Broka's Index.





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43. What are the foods to be included and avoided in peptic ulcer disease?



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44. What are the different types of jaundice?
What are the symptoms of jaundice?



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45. Write down the different methods of imparting nutrition education. What do you understand by food exchange list? Give example.



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46. Write the equation of population growth.



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47. Which prophylaxis programme was first started in India? Write down in details what do you know about this programme.



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