



BIOLOGY

BOOKS - UNITED BOOK HOUSE

MODEL PAPER 09

Exercise

1. Castle's intrinsic factor helps in the absorption of

A. Vitamin K

B. Vitamin B_{12}

C. Vitamin -C

D. Vitamin A

Answer:



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2. Glucagon hormone is secreted from the
_____ cell of pancreas

A. alpha cell

B. beta cell q

C. gamma cell

D. delta cell.

Answer:



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3. How many molecules of urea are produced per urea cycle?

A. 1 molecule

B. 2 molecules

C. 3 molecules

D. 4 molecules

Answer:



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4. The rate of glycogenolysis is decreased by -

A. Insulin

B. Glucagon

C. Epinephrin

D. Glycine

Answer:



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5. With the rise of $1^{\circ} F$ body temperature BMR

is increased -

A. 0.07

B. 0.06

C. 0.08

D. 0.05

Answer:



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6. Additional energy requirement of a lactating woman during 6-12 months is

A. 600kcal

B. 350kcal

C. 520kcal

D. 420kcal

Answer:



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7. Food protein is required for the production of 7.2 gm milk protein-

A. 28.8 gm

B. 10.8 gm

C. 21.6 gm

D. 14.4 gm

Answer:



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8. Delayed weaning causes

A. croup

B. Marasmus

C. measles

D. scurvy

Answer:



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9. Strict vegetarians are called

A. Lactovegetarians

B. Ovovegetarians

C. Ovolactovegetarians

D. Vegans

Answer:



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10. High carbohydrate diet can be given in

A. Diabetes

B. Obesity

C. Addison's disease

D. Epilepsy

Answer:



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11. Risk of hypertension is less in persons who consumes salt daily -

A. 3 gm

B. 4 gm

C. 5 gm

D. 7 gm

Answer:



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12. Amount of energy can be given to a PEM child per kg of body weight is

- A. 100-110 kcals
- B. 120-130 kcals
- C. 140-150 kcals
- D. 150-160 kcals

Answer:



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13. The vitamin A dose given in deficiency for a child aged 6-12 months -

A. 5 lakh IU

B. 3 lakh IU

C. 2 lakh IU

D. 1 lakh IU

Answer:



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14. Mid Day Meal Programme was started in -

A. 1960

B. 962

C. 1990

D. 1995

Answer:



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15. The most effective method of giving nutrition education is

A. discussion

B. audio-visual

C. audio

D. visual

Answer:



16. After discarding the boiled water of rice the vitamin that is lost

- A. Niacin
- B. riboffavin
- C. thiamin
- D. folic acid

Answer:



17. The adulterant added in oil, ghee, butter etc-

A. TCP

B. Lead chromate

C. Coaltar

D. metanil yellow.

Answer:



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18. Survey based on a set pattern of questions is known as

- A. Questioning method
- B. Questionnaire method
- C. Oral method
- D. Interview method.

Answer:



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19. The age of beneficiary child of ICDS is -

A. 1-6 years

B. 6-12 years

C. 6-15 years

D. 6-18 years

Answer:



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20. GOBI campaign is promoted by

A. FAO

B. UNICEF

C. NIN

D. WHO

Answer:



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21. Elemental iron present in ferrous tablet -

A. 70 mg

B. 50 mg

C. 60 mg

D. 65 mg

Answer:



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22. Name the bile pigments.



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23. Name two bile acids.



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24. Name the buffering substance present in saliva.



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25. What is co-enzyme?



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26. What is prosthetic group?



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27. Mention the normal value of amino acid pool in blood.



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28. What is decarboxylation?



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29. What is transamination?



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30. What is respiratory quotient?



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31. What is miconium?



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32. What is the difference between foremilk and hind milk?



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33. What is pyorrhoea?



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34. What is pyorrhoea?



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35. Name the causative agent of peptic ulcer.



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36. What is the normal level of uric acid in blood?



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37. What is the ratio of pulp to sugar for the preparation of jam.



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38. What is aplastic anaemia?



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39. Mention two long term strategies to combat malnutrition.



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40. What do you know about the population theory of Malthus? Write down the equation of population growth?



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41. Describe the process of carbohydrate digestion in human body.



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42. Write the functions of liver.



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43. Why do the requirement of protein and iron increase during pregnancy? Describe the nutritional relation between pregnant mother and the foetus.



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44. What is the cause of tuberculosis? Discuss the symptoms of T.B. Mention the year from which the DOT's system is going on. Write down the diet chart of a T.B. patient.



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45. Who are suffering most from Gout and how many types of gout are seen? Write down the causes for which the people get affected by gout. Mention the foods which are to be included and excluded in diet for patient from

gout. Prepare a sample diet chart for a person affected with gout.



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46. Mention two domestic methods of food preservation.



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47. What are the causes of fruit spoilage? Give your idea about pasteurization.



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48. Which disease is highly prevalent among Indian adolescent girls? What are the reasons behind the occurring of the disease? Write the name of the programme undertaken by the government to prevent the disease.



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