



BIOLOGY

BOOKS - UNITED BOOK HOUSE

MODEL PAPER 01

Exercise

1. Which cell is not the part of stomach?

A. Chief-cell

B. parietal cell

C. must cell

D. Argentaffin cell

Answer:



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2. Brunner's gland is present in the layer of the small intestine -

A. 1.Mucosa

B. 2.Sub-mucosa

C. 3.Muscularis externa

D. 4.Serosa

Answer:



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3. Which of the following is not a ketone body?

A. Acetone

B. aceto acetic acid

C. β -hydroxy butyric acid

D. β -lactoglobulin

Answer:



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4. RQ of protein is -

A. 1`

B. `0.7

C. `0.8

D. 0.9

Answer:



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5. _____% of fat is required to regulate ovulation in women

A. 1)10

B. 2)12

C. 3)27

D. 4)52

Answer:



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6. Daily retinol requirement, ICMR (2010) of a pregnant woman is

A. 600 ug

B. 800 ug

C. 1200 ug

D. 1600 ug

Answer:



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7. Amount of calcium present in mother's milk is -

A. 28 mg

B. 11 mg

C. 90 mg

D. 120 mg.

Answer:



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8. The persons who intake only milk from animal origin are called -

A. 1.Lactovegetarian

B. 2.Ovovegetarian

C. 3.Ovolactovegetarian

D. 4.Vegan.

Answer:



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9. The imbalance of which nutrients can cause heart disease and skin disease?

A. Amino acid

B. Saturated fatty acid

C. Calcium and phosphorus

D. Carbohydrate and protein

Answer:



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10. Besides vitamin C, the amount of _____
also increased in germinated gram

A. Vitamin K

B. Vitamin E

C. Vitamin D

D. Vitamin A

Answer:



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11. At least _____ gm of dietary fibre should be included in the diet of a heart patient

A. 30

B. 40

C. 20

D. 35

Answer:



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12. The temperature in the HTST method is -

A. $167^{\circ} F$

B. $161^{\circ} F$

C. $145^{\circ} F$

D. $212^{\circ} F$

Answer:



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13. Hookworm infestation can hinder the absorption of -

A. Copper

B. Zinc

C. Calcium

D. Iron

Answer:



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14. The establishment year of NIN is -

A. 1)1918

B. 2)1911

C. 3)1948

D. 4)1945

Answer:



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15. Excess intake of tea and coffee can cause -

- A. Renal failure
- B. Renal disorder
- C. Renal calculi
- D. Renal calcification

Answer:



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16. The headquarter of UNICEF is presently situate in

A. Rome

B. Geneva

C. New York

D. London

Answer:



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17. Who suffers much from anaemia?

- A. teen-age girls
- B. teen-age boy
- C. Normal woman
- D. Pregnant woman

Answer:



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18. Normal weight of Thyroid gland is -

A. 1)5-25 gm

B. 2)5-10 gm

C. 3)40-45 gm

D. 4)200-300 gm

Answer:



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19. Glycaemic Index of rice is -

A. 80

B. 72

C. 82

D. 78

Answer:



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20. Which of the following nutrient has maximum calorific value?

A. 1.Fats

B. 2.Protein

C. 3.Vitamins

D. 4.Carbohydrates

Answer:



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21. Which is the direct method of measuring Basal Metabolic Rate?



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22. Name an activator present in intestinal juice?



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23. What is glycosuria?



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24. What is hyperglycaemia?



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25. By which method glucose is absorbed in our body?



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26. How many molecules of pyruvic acid in produced by oxidation of 1 molecule of glucose?



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27. How many acetyl Co A molecules will be synthesized after the β -oxidation of a saturated fatty acid with 20 carbon atoms?



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28. What is balanced diet?



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29. What is weight reducing diet?



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30. What is the full form of CDPO?



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31. What is uraemia?



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32. What amount of vitamin A oil is given to the children in DPT and OPV booster for preventing vitamin-A deficiency blindness and in which age?



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33. Which medicine is responsible for peptic ulcer?



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34. Which diseases are protected by colostrum?



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35. What is the calorie value of 100 ml cow's milk?



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36. What is hematuria?



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37. What is malaria?



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38. What are the main objectives of MDMP?



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39. Write two objectives of ANP?



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40. Describe the process of fat absorption in human body.



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



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42. What is calorie? What is the difference between the calorie used in physics and nutrition. What are the causes of requirement of calorie during resting state? Describe the

calorie requirement of 7-12 years old school going girls?



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43. Write and describe different types of weaning food of children.



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44. What are the things to be considered in the formulation of low cost balanced diet

chart.



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45. Write down the methods of milk preservation.



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46. What is anaemia? Discuss the different types of anaemia.



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47. Write down the various components of nutrition education process. What are merits of using audio visual aids in imparting nutrition education?



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