



# BIOLOGY

## BOOKS - UNITED BOOK HOUSE

### MODEL PAPER 05

#### Exercise

1. Which cycle is regulated by insulin, adrenalin and glucagon hormones?

A. Krebs's cycle

B. Cori cycle

C. Ornithin cycle

D. Kelvin cycle.

**Answer:**



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2. Specific Dynamic Action of protein is -

A. 0.02

B. 0.12

C. 0.15

D. 0.3

**Answer:**



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**3.** Active trypsin is produced from trypsinogen by -

A. HCl

B. mucin

C. enteropeptidase

D. nuclease

**Answer:**



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4. The enzyme that helps in the conversion of  $\alpha$ -ketoglutaric acid to succinyl co-A -

A.  $\alpha$ -Ketoglutarate dehydrogenase

B. Succinate dehydrogenase

C. Pyruvate dehydrogenase

D. Aconitase.

**Answer:**



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5. The excluded food in the acid ash diet is

A. cereals

B. nuts

C. pulses

D. milk.

**Answer:**



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**6.** The active absorption process is dependent on -

A. UTP

B. GTP

C. ATP

D. ADP

**Answer:**



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7. Softening of the cornea is known as

A. Bitot's spot

B. Keratomalacia

C. Conjunctival xerosis

D. Pernicious anaemia

**Answer:**



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**8. 1 Kilo calorie is equal to**

A. 4.184 KJ

B. 4184 KJ

C. 418.4 KJ

D.



**Answer:**



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9. A disease occurs in a pregnant mother due to hypertension is

- A. Anaemia
- B. Jaundice
- C. Protinemia
- D. Eclampsia

**Answer:**



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**10.** Self decomposition of food is caused by -

A. Enzyme

B. Virus

C. Yeast

D. Bacteria

**Answer:**



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11. Glycemic Index of potato is

A. 72

B. 70

C. 74

D. 71

**Answer:**



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12. The age of beneficiary child of ICDS is -

A. 0-1 year

B. 0-3 years

C. 0-6 years

D. 3-6 years

**Answer:**



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**13.** A non-projected Audio Visual Aid is -

A. Film

B. Radio

C. Puppet show

D. Computer.

**Answer:**



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14. 2 mya.....probably lived in east African grasslands. Evidences show they hunted with stone weapons but essentially ate fruit.

A. Austrapithecus

B. Neanderthal man

C. Homo erectus

D. Dryopithecus

**Answer:**



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15. The condition that is caused due to excess secretion of thyroxin hormone called -

A. 1.Cretinism

B. 2.Myxedema

C. 3.Grave's disease

D. 4.Nyctalopia

**Answer:**



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16. Nephropathy can be seen in case of

A. Tuberculosis

B. Obesity

C. Jaundice

D. Diabetes.

**Answer:**



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17. How much calorie should come form full fluid diet?

A. 1200 Kcals

B. 1000 Kcals

C. 1500 Kcals

D. 2000 Kcals

**Answer:**



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**18.** The percentage of sugar required to prepare mango squash

A. 0.4

B. 0.6

C. 0.2

D. 0.1

**Answer:**



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**19.** The intake of NSAIDS can cause -

- A. Peptic ulcer.
- B. Cirrhosis of Liver
- C. Dyschezia
- D. Diarrhoea

**Answer:**



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20. The calorie value of 100 gm of hen's egg-

A. 181 Kcals

B. 176 Kcals

C. 173 Kcals

D. 170 Kcals

**Answer:**



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**21. Write full form of GOR.**



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**22. Write full form of PAR.**



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**23. What do you mean by 'metal activator'?**



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**24.** What do you mean by HMP shunt?



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**25.** What is fore milk?



**Watch Video Solution**

**26.** What is hind milk?



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**27.** What is the meaning of "Feed the Fevers"?



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**28.** Write down the importance of Agmark.



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**29.** What is food adulteration?



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**30.** Name two methods of diet survey.



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**31.** Name two nitrogen rich foods.



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**32.** What is FTT?



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**33.** What is colic pain?



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**34.** What is the percentage of increase in BMR with each degree Celsius rise in body temperature?



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**35.** 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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**36.** What is atonic constipation?



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**37.** What is spastic constipation?



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**38.** Name two bile acids.



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**39.** What is transmethylation?



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**40.** What is the other name for Ornithine cycles? Why is it called Ornithine cycle? Describe the cycle with the help of a flow-chart.



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**41.** Discuss the process of fat digestion in the human body.



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**42.** Why iron requirement is increased in pregnancy? What are the complications of pregnancy?



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**43.** What are the reasons of obesity? What are the reasons of obesity in adolescence period? Which foods should be removed in case of obesity? What is glycemic index?



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**44.** What is nephrosis? What is the cause of it? What are the symptoms of the disease? What the principle of diet given to a patient of nephrosis.



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**45.** IFA tablet is given to prevent which disease? Describe about the prophylaxis programme in which IFA tablet is given. Write the composition of IFA tablets.





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**46.** Write the basic principle of nutrition education. Write the merits and demerits of three diet survey methods.



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**47.** Write the role of UNICEF and ICMR to combat malnutrition.



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