SMART TEST SERIES

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Name:		Subject:	Biology-11
Roll # :		Unit(s):	2,
Class:	Inter Part-I	Test:	Type 3 - MCQs + SQs Test - Marks=30
Date:		Time:	

Q.1 Four possible answers A, B, C & D to each question are given. Circle the correct one. (10x1=10)

1 The specific heat of vaporization of water is:
(A) 457 kcal/kg (B) 574 kcal/kg (C) 547 kcal/kg (D) 475 kcal/kg

2 In free state, glucose is present in:
(A) Dates (B) Amylose (C) Glycogen (D) Cellulose

3 Glycogen is found abundantly in:
(A) Liver (B) Muscles (C) Kidney (D) Both A & B

4 Glycosidic bond is a:
(A) C-N linkage (B) C-O linkage (C) N-H linkage (D) C-H linkage

5 Which of the following is a lipid:
(A) Chitin (B) Rubber (C) Starch (D) sucrose

6 Amino acids are linked to each other by:
(A) Ester bond (B) Glycosidic bond (C) Hydrophobic bond (D) Peptide bond

7 The amino acids are mainly different from eachother due to the type and nature of:
(A) R-group (B) Amino group (C) Carboxyl group (D) peptide bond

8 Haemoglobin is a:
(A) Fibrous proteins (B) Coiled proteins (C) Globular proteins (D) Double coiled proteins

9 Peptide bond is:
(A) C-N link (B) C-O link (C) N-H link (D) C-P link

10 The mRNA of the total cell RNA is about:
(A) 3-4% (B) 1-2% (C) 2-4% (D) 3-5%

Q.2 Write short answers of the following questions. (10x2=20)

(i) Define protective role of water.
(ii) What is the effect of hydrolysis on oligosaccharides?
(iii) What are waxes?
(iv) What are terpenoids? Give examples.
(v) What F. Sanger concluded about insulin?
(vi) How the peptide bonds are formed?
(vii) What is the function of ribosomal RNA?
(viii) Write down two differences between DNA and RNA.
(ix) What is the function of mRNA?
(x) What are conjugated molecules?

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