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SARDAR PATEL UNIVERSITY

B.Sc Examination, IVth Semester

Wednesday, 06th April 2016

Session: Morning   Time:10.30 am -1.30 pm

US04CBIT01- Fundamentals of Biotechnology II

Total Marks: 70

Q-1   Choose appropriate answer from the following   (10)

1. Lac operon was discovered by
   a. Beadle & Tatum
   b. Watson & Crick
   c. Jacob & Monad
   d. Luis Pasteur

2. The enzyme that catalyzes RNA Synthesis is known as
   a. DNA polymerase
   b. RNA polymerase
   c. Taq polymerase
   d. All of the above

3. The consensus sequence TATAAT is present at _____ region
   a. +10
   b. 0
   c. -10
   d. +35

4. Which of the initiation factors binds to the 30s ribosomal subunit during the initiation.
   a. IF1, IF2
   b. IF2,IF3
   c. IF1,IF3
   d. None of the above

5. Which of the following is known as the initiation codon
   a. AUG
   b. UAA
   c. UGA
   d. UGA

6. The process of translation occurs in _____ part of the cell
   a. Nucleolus
   b. Nuclear matrix
   c. Nuclear membrane
   d. Cytoplasm

7. Which was the first type II restriction enzyme isolated
   a. ECoR1
   b. Bam H1
   c. Sma I
   d. None of the above

8. _____ ions are essential for the activity of type II restriction enzymes
   a. Mn^{+2}
   b. Mo^{+2}
   c. MG^{+2}
   d. Mi^{+2}

9. Which of the cell show cell mediated immune response
   a. T cell
   b. B cell
   c. Both of the above
   d. Dendritic cells

10. Which of the cell type acts against tumour cells
    a. NK cells
    b. Dendritic cells
    c. RBCs
    d. All of the above

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S.Y.B.Sc. (SEM-IV) EXAMINATION APRIL-2016

US04CCBI01 : Web Designing And Applications Using HTML

DATE: 06/04/2016   TIME: 10:30 TO 01:30   TOTAL MARKS : 70

Q.1   Multiple choice questions: **[10]**

1. Internet is a collection of _____
   A. Network of computers   B. Network of networks
   C. Network of Server   D. Network of Stand alone PCs

2. _____ is a machine that gives a response of the client's request.
   A. Web Browser   B. Pager
   C. Mobile   D. Web Server

3. URL stands for _____
   A. Universal Resource Locator   B. University Resource Locator
   C. United Reform Locator   D. None of these

4. The extension of html file is
   A. .HTML   B. .HTM
   C. A & B   D. None of these

5. _____tag is used to add items in a list.
   A.   B. <item>
   C. <Add>   D. None

6. _____Property of marquee is used to change style of animated text in marquee.
   A. behavior   B. alternate
   C. transaction   D. none of these>

7. What property is used to merge two columns.
   A. colspan   B. colmerge
   C. colum_span   D. None of Above

8. To display more than one document in a single window, _____ is used.
   A. <frameset>   B. <windowset>
   C. <docset>   D. None of Above

9. scroll, slide, alternate are the values of _____ attribute of <marquee>
   A. loop   B. direction
   C. behavior   D. style

10. _____ key stroke shows the Properties window.
    A. Enter   B. Shift + Enter
    C. Ctrl + Enter   D. Alt + Enter

Q.2 Attempt any ten out of twelve. [20]

1. How to save a web page for offline reading?

2. What is Internet?

3. Write a note about search engine.

4. Explain the <select> tag with all its attributes.

5. How to import an image to HTML document?

6. Explain strike tag with example.

7. Explain the submit button control.

8. Explain the frameset tag with all its attributes.

9. What is use of MARQUEE tag?

10. Write the steps inserting <Pre> and specifying its property.

11. Explain the use of <th> tag with example.

12. What is the WYSIWYG concept of Microsoft Frontpage?

Q.3 (a) Explain how to set basic options and privacy options in internet browser. [5]
   (b) What is the use of Navigation and History button is browser? [5]

OR

(a) Explain the Components of web browser. [5]
(b) List and explain the services provided by internet. [5]

Q.4 Explain Ordered list, Unordered list and Nested List with suitable example. [10]

OR

Q.4 Explain the structure of HTML in details. Also Explain basic tags of HTML. [10]

Q.5 (a) Explain TABLE creation of HTML in detail. [6]
   (b) What is Hyperlink? And also explain its use in Webpage. [4]

OR

(a) Write a short note on <frameset> with all the associated tags and attributes. [6]
(b) Write a detail note on IMAGE tag. [4]

Q.6 (a) Write a note on <marquee>, giving all the attributes, taking a proper example. [5]
   (b) Write a short note on Themes in Microsoft Frontpage. [5]

OR

(a) Write a note on <form> tag with all the associated attributes and tags. [5]
(b) Write a note on Formatting toolbar of Microsoft Frontpage. [5]

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