BIO543: Big Data Mining Healthcare (8th February 2024, Quiz1)

Maximum Marks: 20	Duration: 20 Minutes Admission No:		
Name:			
Instructions: Attempt all questions, each question.	uestion carry one mark. Please tick only best possible		
FASTA format is not used to store following molecules?			
a) DNA	c) Lipid		
b) RNA	d) Protein		
Proteins are made of types of natural amino acids.			
a) 4	c) 16		
b) 20	d) 64		
3. Which database is used for creating dat			
a) UniProt	c) SalivaDB		
b) PUBCHEM	d) TCIA		
-	Which is commonly used database for designing epitope based vaccine?		
a) IEDB	c) PDB		
,	b) SwissProt d) CPPSite2		
Which database base contain experimentally determined protein structures?			
a) Propred	c) PDB		
b) BLAST	d) MHCBN		
Which of the following is not a function of an operating system?			
a) User interface	c) I/O Management		
b) Database management system	· -		
Which command is used to list all running containers in docker?			
a) ps -a	c) list -a		
b) cat -d	d) rm -a		
Which of the following Python command can read all content of a file?			
a) input.read()	, ·		
b) readline()	d) readall()		
9. Which of the following data type in pythogonal states and the states of the following data type in pythogonal states are states as the states of the following data type in pythogonal states are states as the states are states are states as the states are states are states as the states are states are states as the states are states are states as the states are states as the states are states are states as the states are states are states as the states are states as the states are states are states as the states are states are states as the states are states as t			
a) Tuple	c) Strings		
b) List	d) None		
10. Which python library can be used to re-	ich python library can be used to read excel file?		
a) Numpy	c) pandas		
b) Matplot	d) Column		
11. Which of these is not Object Oriented I	Programming?		
a) Python	c) Java		
b) C++	d) Fortran		

12.	2. Which is the commonly used format to present protein sequence?		
	a)	BION	c) BLAST
	b)	JSON	d) FASTA
13.	13. How many amino acids are made by five codons?		
	a)	0	c) 2
	b)	4	d) 6
14.	4. How many DNA duplexes will be obtained from one DNA duplex after 5 cycles of PCR?		
	a)	16	c) 32
	b)	64	d) 128
15.	Which	of the following tool/database is used	I for peptide-based therapeutics?
	a)	PADEL	c) B3Pdb
	b)	CancerDR	d) TCIA
16.	6. Which tool can be used for predicting disease biomarker?		
	a)	CancerCSP	c) AlgPred
	b)	ToxinPred	d) Gromacs
17.	7. PUBMED contain around citations/abstracts of biomedical literature.		
	a)	16 thousands	c) 26 billions
	b)	36 millions	d) 46 trillions
18.	Living	organism can be divided in king	gdoms?
	a)	One	c) Three
	b)	Five	d) Seven
19.	9. Which macromolecules contain anticodons?		
	a)	mRNA	c) Protein
	b)	DNA	d) tRNA
20.	Which	of the following is not an example of	funicellular organism?
	a) A	Amoeba	c) Paramecium
	b)	Bacteria	d) Octopus