

**DAYANANDA SAGAR COLLEGE OF ENGINEERING
DEPARTMENT OF BIOTECHNOLOGY**

Activity-1 Active learning (QUIZ) Topic: Unit-01: Biological databases

Subject: Bioinformatics

Class: V Semester

Subject code: BT52

Teacher: Dr. Sinosh Skariyachan

Name of the Student:

Total marks scored:

USN:

Answer ALL the questions. Each question carried 01 Marks

(25 x 01=25)

1. The first database created in the history of Bioinformatics was
2. The first bacterium whose genome was completely sequenced
3. Give an example of composite database.
4. The primary sources for Pfam databases are
5. Name the scientists who developed PDB database.
6. The expansion of ASN.1 is.....
7. Which of the following is not a specialized database (EST database, KEGG, CATH, OMIM)
8. The URL of DDBJ is.....
9. Name two visualization tools used to visualize the structure of macromolecules.
10. The databases included in the PIR international are.....
11. PIR databases are maintained by.....
12. The expansion of EMBOSS is
13. Sanger databases are maintained by.....
14. KEGG expanded to be
15. Name an agricultural database.
16. Name the bacterium which has the smallest genome.
17. Define the term Transcriptome.
18. Name the most powerful proteomic server used in bioinformatics analysis.
19. Which of the following is not a part of Uniparc Databases (Refseq, USPTO, VEGA, SCOP, Flybase)
20. Pfam B databases are derived from.....
21. Give an example of a medical database.
22. Select the database of regulatory motif hosted in TIGR (VEGA, Tiffin, COSMIC, MEROPS, ENCODE)
23. Name the first nematode whose genome was completely sequenced.
24. The expansion of TAIR is.....
25. Name the sequence retrieval system present in EMBL databases.

Name & Signature of the evaluator.....