



**ST. LAWRENCE HIGH SCHOOL**  
**A JESUIT CHRISTIAN MINORITY INSTITUTION**



**WORKSHEET – 33**

**Class: XII**

**Sub: Biological Science**

**Date: 27.07.2020**

**Topic: Ch 6 (Part 2) – Structure and it's types of RNA**

**F.M. : 15**

**Choose the correct option:**

**(1x15=15)**

1. The following is not the function RNA:  
a) genetic material in angiosperms b) Genetic material of few plant viruses c) Adaptor molecule d) Blue print of DNA
2. The RNA which carries information from chromosomal DNA to the cytoplasm is :  
a) ribosomal RNA b) transfer RNA c) messenger RNA d) Small nuclear RNA
3. The nitrogenous base thymine is replaced by ----- in the RNA.  
a) Ribothymidine b) Cytosine c) Pseudouridine d) Uracil
4. The function of recognition of codon is brought about by the ----- arm of tRNA  
a) DHU arm b) anticodon c) T psi C arm d) Variable arm
5. The ribosomal RNA are synthesized in the -----  
a) Nucleolus b) Nucleus c) Ribosome d) None of these
6. 70s ribosome is/are: The r RNA present in 50s subunit o  
a) 16s rRNA b) 23s rRNA c) 23s rRNA and 5s rRNA d) 28 s RNA
7. The following rRNA is not found in the eukaryotic ribosome:  
a) 28s b) 5s c) 16s d) 5.8s
8. Enzymatic RNAs are also called-  
a) Ribozyme b) sn RNA c) Ribonuclease d) tRNA
9. The following nitrogenous base is found in t RNA :-  
a) Ribothymidine b) Pseudouridine c) Inosine d) All of these
10. The ----- arm carries the amino acid during protein synthesis:  
a) DHU b) Acceptor c) T psi C d) Anticodon
11. The term messenger RNA was used by:  
a) Jacob and Monod b) Meselson and Stahl c) Hargobind Khorana d) Watson and Crick
12. RNA is chiefly found in:  
a) Nucleolus b) Mitochondria c) cytoplasm d) All of these
13. The unprocessed mRNA is also called:  
a) Heterogeneous RNA b) small nuclear RNA c) Ribozyme d) none of these

14. The clover leaf model of tRNA was proposed by:  
a) Chargaff b) Holley c) Nirenberg d) Crick
15. A typical messenger RNA consists of:  
a) G- cap b) Poly A tail c) Coding region d) All of these

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