

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY**[MBBS 0822]****AUGUST 2022****Sub. Code : 6063****M.B.B.S. DEGREE EXAMINATION****(For the candidates admitted from the Academic Year 2019-2020)****SECOND YEAR – SUPPLEMENTARY (CBME)****PAPER V – PATHOLOGY – I*****Q.P. Code: 526063*****Time: 30 Minutes****Maximum : 20 Marks****Answer All Questions****Choose one correct answer in the box provided in the Answer Script. No overwriting should be done.****III. Multiple Choice Questions:****(20 x 1 = 20)**

1. Damage to nuclear DNA triggers this pathway
 - a. WNT signalling
 - b. P53
 - c. AKT signalling
 - d. Ubiquitin
2. Atrophy is decreased protein synthesis due to
 - a. Ubiquitin proteasome pathway
 - b. WNT signalling
 - c. AKT pathway
 - d. P53
3. Neutrophil extracellular traps are mainly produced by
 - a. Chemical carcinogens
 - b. Infectious pathogens
 - c. Parasites
 - d. Radiation insult
4. The most important cytokine for synthesis of connective tissue proteins is
 - a. MMPs
 - b. VEGF
 - c. TGF- β
 - d. IL-1
5. Heparin induced Thrombocytopenia syndrome is due to administration of
 - a. Unfractionated Heparin
 - b. Fractionated Heparin
 - c. LMW Heparin
 - d. Thrombin
6. Which of these diseases listed is a X-Linked disorder
 - a. Tay sach's disease
 - b. Duchenne muscular dystrophy
 - c. Cystic fibrosis
 - d. Haemophilia A
7. Familial hypercholesterolemia is caused by mutations in the gene encoding the receptor for
 - a. HDL
 - b. VLDL
 - c. LDL
 - d. Chylomicrons
8. FISH uses one of the following probes for recognising sequences in a chromosomal region
 - a. RNA
 - b. DNA
 - c. CGH Probes
 - d. SNP Probes
9. Class II MHC present antigens derived from
 - a. Extracellular microbes
 - b. Intracellular microbes
 - c. Cytoplasmic proteins
 - d. Tumour antigens
